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DIVISION OF RESEARCH AND STATISTICS

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NONAGRICULTURAL EMPLOYMENT MOVES UP IN AUGUST
SECOND HIGHEST MONTH OF 1980

VIRGINIA'S ECONOMIC SITUATION IN AUGUST SHOWED SOME POSITIVE SIGNS OF REBOUND FROM A VERY SLUGGISH PERFORMANCE LAST MONTH. The addition of 9,200 workers brought Virginia's nonagricultural employment to 2,122,600 in August 1980 - the second highest month this year. Despite problems in some area's of the economy manufacturing, trade and services made good gains - 5,600, 3,800 and 1,000 respectively. Only moderate increases were recorded by mining and construction - 100 each. While trade and services are ahead of year ago levels, manufacturing, mining and construction still lag behind August 1979 totals. The brightness of the employment picture was dimmed somewhat by drops in government, finance and transportation and public utilities. The lack of strong pickups in construction and finance still cause concern and a pall to hang over the business community.

MANUFACTURING REGAINED EIGHTY PERCENT OF JULY'S DOWNTURN. Durable goods producers recovered their July losses with the return to work of employees who were on unpaid vacations in the furniture industry and in the primary metals division. New orders and shipments by hardgoods producers helped improve some areas but slackened production of business equipment and transportation equipment hindered in these fields. While some over-the-month gains were made by nondurable goods producers, a full employment recovery was not made. Workers in textile mills, who traditionally have some workers on vacations without pay, did return to work in August. Although some apparel firms waited until this month to give vacations, several were without pay. August data reflects these layoffs. Reductions continued to occur in chemicals but not to the extent of last month. Tobacco, Virginia's largest cash crop, has been plagued by drought this summer but was aided by irrigation and a good crop is expected this year. The upswing in the tobacco segment was caused by seasonal workers being employed by stemming and redrying plants. These gains more than compensated for the seasonal downturn in the food sector. The drought has also adversely affected both fruit and vegetable crops across the state. However, another sign of improvement was the length of the average workweek of Virginia's 308,700 factory production workers. A four-tenths of an hour increase brought the average workweek to 39.3 hours in August - the longest since February of this year. Average hourly earnings rose two cents over the month to $6.32. The over-the-year hike amounted to 68 cents. Average weekly earnings at $248.38 were up $3.31 over July 1980 and $25.60 higher than August 1979. Five of the metropolitan areas posted higher weekly earnings and longer weekly hours. Only in the Lynchburg and Petersburg areas were weekly earnings and weekly hours less than in the previous month.

BOTH WHOLESALE AND RETAIL TRADE ESTABLISHMENTS UPPED THE NUMBERS OF THEIR STAFFS. With retail sales up in August for the third straight month, some indications are that consumers are gaining confidence in the economy but not to the extent most major retailers had anticipated. The August selling period generally marks back-to-school and new fall season sales but dramatic signs of resurgence of spending were lacking. While there has been an increase in credit purchases, car sales, particularly domestic cars, remain below year-ago levels. Tourist related businesses and medical and health service establishments kept services worker totals on the upward move.

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NONAGRICULTURAL EMPLOYMENT MOVES UP IN AUGUST
SECOND HIGHEST MONTH IN 1980

(continued from page 1)

Since a lot of the employment is seasonal, a decline can be expected in September. Minor gains by mining were erased by the transportation and public utilities division. Divergent trends in government resulted in a downtrend in the movement of employment between mid-July and mid-August. The release of census workers and students employed by defense agencies for the summer accounted for federal losses. Many of the youth working on federally funded programs were no longer on the job by mid-August. Early openings of schools in some areas brought part of the nonfaculty personnel back to work, causing a gain in state and local government employment.

THE CONSTRUCTION INDUSTRY REGISTERED A MINOR INCREASE. In view of the slump construction has experienced, any increase can be looked upon with favor, regardless of the size. Construction still remains 18,700 below year-ago levels. Housing starts have risen for the past three months, but this is to be looked at with caution in light of interest rates. Rising rates could easily abort any recovery the housing industry is making. Employment in real estate agencies continues to dwindle, helping to bring finance employment to a lower level than last month.

THE BUREAU OF LABOR STATISTICS' PRODUCERS PRICE INDEX for all commodities in August was 273.1 (1967=100), up 1.2 percent over the month and 14.7 percent over a year earlier. The index for finished goods increased 1.0 percent to 249.0 (1967=100) in August 1980 for an over-the-year increase of 14.6 percent.

THE ALL URBAN CONSUMERS PRICE INDEX rose 0.6 percent in August. The index (U. S. City Average) at 249.4 (1967=100) was up 12.8 percent over August 1979. The Urban Wage Earners and Clerical Workers Index rose 0.6 percent to 249.6 (1967=100) in August 1980 for an over-the-year increase of 12.7 percent.

THE SEPTEMBER 1980 CONSUMER PRICE INDEX data will be released on October 24, 1980 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES [1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed [2]			Unemployed			Per Cent of Labor Force		
	July 1980	June 1980	July 1979	July 1980	June 1980	July 1979	July 1980	June 1980	July 1979	July 1980	June 1980	July 1979
United States	106,997,000	106,067,000	104,995,000	98,587,000	97,776,000	98,891,000	8,410,000	8,291,000	6,104,000	7.9	7.8	5.8
Virginia	2,549,800	2,557,700	2,523,100	2,403,100	2,411,000	2,403,700	146,700	146,700	119,400	5.8	5.7	4.7
Bristol Area	39,890	39,820	38,860	36,880	37,090	36,570	3,010	2,730	2,290	7.5	6.8	5.9
Lynchburg SMSA	76,980	77,860	76,950	71,700	73,540	73,620	5,280	4,320	3,330	6.9	5.5	4.3
Newport News-Hampton SMSA	172,530	172,000	164,860	163,120	161,840	155,370	9,410	10,160	9,490	5.5	5.9	5.8
Norfolk-Virginia Beach-Portsmouth SMSA	331,920	334,640	328,580	312,050	310,870	310,310	19,870	23,770	18,270	6.0	7.1	5.6
Northern Virginia Area	573,800	571,200	564,000	554,300	550,600	544,600	19,500	20,600	19,400	3.4	3.6	3.4
Petersburg-Colonial Heights-Hopewell SMSA	63,560	63,440	59,520	59,360	59,140	56,240	4,200	4,300	3,280	6.6	6.8	5.5
Richmond SMSA	330,870	335,560	326,620	318,020	321,090	315,620	12,850	14,470	11,000	3.9	4.3	3.4
Roanoke SMSA	114,000	113,030	110,700	107,350	107,710	106,180	6,650	5,320	4,520	5.8	4.7	4.1

[1] All data adjusted to a place-of-residence basis

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL 1/	2,122.6	2,113.4	2,115.1	9.2	7.5
MANUFACTURING	405.0	399.4	416.5	5.6	-11.5
Durable Goods	185.0	180.1	193.0	4.9	- 8.0
Lumber and Wood Products	22.9	22.8	25.6	.1	- 2.7
Millwork, Plywood and Structural Members	6.1	6.1	6.8	0	- .7
Wood Containers	1.6	1.8	1.9	- .2	- .3
Wood Buildings and Mobile Homes	3.3	3.2	3.6	.1	- .3
Miscellaneous Wood Products	2.0	2.0	2.2	0	- .2
Furniture and Fixtures	25.4	22.0	26.8	3.4	- 1.4
Household and Office Furniture	23.7	20.2	25.4	3.5	- 1.7
Stone, Clay and Glass Products	12.4	12.4	13.7	0	- 1.3
Structural Clay Products	.9	.9	1.0	0	- .1
Concrete Gypsum and Plaster Products	7.1	7.2	7.9	- .1	- .8
Glass and Glass Products	1.7	1.6	1.6	.1	.1
Primary Metal Industries	11.5	10.0	14.1	1.5	- 2.6
Fabricated Metal Products	20.5	20.4	21.0	.1	- .5
Fabricated Structural Metal Products	13.0	12.9	13.3	.1	- .3
Machinery, except Electrical	15.2	15.1	14.7	.1	.5
Construction and Related Machinery	4.7	4.4	4.8	.3	- .1
Special Industry Machinery	2.4	2.4	2.6	0	- .2
Refrigeration and Service Machinery	1.9	1.9	1.5	0	.4
Electric and Electronic Equipment	33.1	33.2	33.5	- .1	- .4
Communication Equipment	11.3	11.5	11.4	- .2	- .1
Electronic Components and Accessories	5.2	5.4	5.5	- .2	- .3
Transportation Equipment	36.5	36.8	35.9	- .3	.6
Instruments and Related Products	4.0	4.0	3.7	0	.3
Miscellaneous Manufacturing Industries	3.5	3.4	4.0	.1	- .5
Nondurable Goods	220.0	219.3	223.5	.7	- 3.5
Food and Kindred Products	41.4	42.0	40.9	- .6	.5
Meat Products	13.3	13.7	12.9	- .4	.4
Dairy Products	2.6	2.6	2.5	0	.1
Preserved Fruits and Vegetables	3.2	3.5	4.0	- .3	- .8
Bakery Products	5.0	5.0	5.0	0	0
Beverages	5.8	5.8	5.6	0	.2
Tobacco Manufactures	16.4	15.6	16.5	.8	- .1
Cigarettes	13.7	13.8	13.6	- .1	.1
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	2.3	1.4	2.5	.9	- .2
Textile Mill Products	44.4	42.8	44.3	1.6	.1
Weaving Mills, Cotton, Synthetics and Wool	18.7	18.5	18.3	.2	.4
Narrow Fabric Mills	1.1	.6	1.3	.5	- .2
Knitting Mills	14.0	13.1	13.0	.9	1.0
Textile Finishing, except Wool	4.7	4.6	5.1	.1	- .4
Yarn and Thread Mills	3.1	3.0	3.3	.1	- .2
Miscellaneous Textile Goods	1.2	1.2	1.4	0	- .2
Apparel and Other Textile Products	33.5	34.3	34.7	- .8	- 1.2
Men's and Boys' Suits, Coats and Furnishings	13.6	13.6	13.6	0	0
Women's and Children's Outerwear & Undergarments	16.2	17.0	17.2	- .8	- 1.0
Miscellaneous Fabricated Textile Products	1.6	1.7	1.7	- .1	- .1
Paper and Allied Products	14.4	14.6	14.5	- .2	- .1
Pulp, Paper and Paperboard	7.7	7.8	7.7	- .1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.9	6.1	6.2	- .2	- .3
Miscellaneous Converted Paper Products	2.3	2.5	2.7	- .2	- .4
Paperboard Containers and Boxes	3.6	3.6	3.5	0	.1
Printing and Publishing	22.0	21.8	21.1	.2	.9
Newspapers and Periodicals	8.6	8.5	8.0	.1	.6
Commercial Printing	8.2	8.1	8.0	.1	.2
Chemicals and Allied Products	32.3	32.8	34.8	- .5	- 2.5
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	18.9	19.4	21.4	- .5	- 2.5
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.5	1.6	1.7	- .1	- .2
Miscellaneous Chemical Products	3.3	3.3	3.1	0	.2
Petroleum, Rubber and Misc. Plastics Products	11.9	11.8	12.9	.1	- 1.0
Miscellaneous Plastics Products	5.5	5.4	5.9	.1	- .4
Rubber and Rubber Products	6.0	6.0	6.7	0	- .7
Leather and Leather Products	3.7	3.6	3.8	.1	- .1

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 4)

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONMANUFACTURING	1,717.6	1,714.0	1,698.6	3.6	19.0
Mining	24.1	24.0	24.4	.1	- .3
Bituminous Coal and Lignite Mining	20.9	20.7	20.8	.2	.1
Construction	129.3	129.2	148.0	.1	-18.7
Transportation and Public Utilities	115.3	115.4	115.6	- .1	- .3
Railroad Transportation	14.1	13.8	14.8	.3	- .7
Trucking and Warehousing	29.7	29.7	30.3	0	- .6
Transportation by Air	10.9	11.0	11.6	- .1	- .7
Communication	29.3	29.4	27.8	- .1	1.5
Electric, Gas and Sanitary Services	16.6	16.6	15.9	0	.7
Wholesale and Retail Trade	451.4	447.6	440.0	3.8	11.4
Wholesale	105.2	104.3	102.5	.9	2.7
Wholesale Trade Durable Goods	64.1	63.9	63.6	.2	.5
Wholesale Trade Nondurable Goods	41.1	40.4	38.9	.7	2.2
Retail	346.2	343.3	337.5	2.9	8.7
General Merchandise Stores	54.6	54.3	54.6	.3	0
Department Stores	40.4	40.3	41.8	.1	- 1.4
Variety Stores	8.9	8.7	8.6	.2	.3
Food Stores	54.7	54.6	51.0	.1	3.7
Automotive Dealers and Service Stations	46.7	46.5	48.4	.2	- 1.7
Furniture and Home Furnishings Stores	16.0	15.5	15.9	.5	.1
Miscellaneous Retail	43.2	43.0	42.4	.2	.8
Finance, Insurance and Real Estate	106.6	106.7	105.9	- .1	.7
Banking	31.3	31.3	30.7	0	.6
Insurance Carriers	19.9	20.0	19.7	- .1	.2
Real Estate	23.6	23.7	25.7	- .1	- 2.1
Services	395.6	394.6	379.0	1.0	16.6
Personal Services	24.4	24.6	23.5	- .2	.9
Business Services	76.8	76.6	73.9	.2	2.9
Auto and Miscellaneous Repair Service	18.5	18.6	18.2	- .1	.3
Health Services	102.0	101.5	97.9	.5	4.1
Government	495.3	496.5	485.7	- 1.2	9.6
Federal Government	156.7	158.2	154.4	- 1.5	2.3
State and Local Government	338.6	338.3	331.3	.3	7.3
State Government	115.6	115.7	114.9	- .1	.7
Local Government	223.0	222.6	216.4	.4	6.6

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1979
JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.3	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1976:									
January	1,778.8	378.2	21.1	100.5	102.6	370.4	82.6	295.8	427.8
February	1,782.6	380.2	21.0	100.9	102.6	366.2	82.6	298.9	430.2
March	1,796.6	382.0	21.1	104.1	102.8	369.5	83.1	301.6	432.4
April	1,826.1	384.7	21.6	111.0	104.2	377.8	85.0	309.9	431.9
May	1,843.2	384.2	21.7	114.5	105.6	383.7	86.0	313.6	433.9
June	1,870.9	388.7	22.1	117.1	108.6	387.7	88.1	321.9	436.7
July	1,870.6	386.8	22.0	119.2	107.9	390.3	89.0	321.9	433.5
August	1,874.6	390.7	21.8	119.5	108.1	391.1	89.0	321.8	432.6
September	1,878.1	393.4	22.1	116.4	107.3	393.6	87.9	318.7	438.7
October	1,878.9	393.7	22.1	115.1	105.3	396.0	87.2	319.5	440.0
November	1,884.1	396.2	22.1	113.4	104.9	402.1	87.2	315.3	442.9
December	1,893.1	395.5	22.2	109.8	106.4	411.8	87.8	314.9	444.7
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	49[illegible].9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,126.4	420.7	23.5	139.8	114.8	444.0	105.0	378.1	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	438.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,122.6	405.0	24.1	129.3	115.3	451.4	106.6	395.6	495.3
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL 1/	882.1	880.1	863.9	2.0	18.2
MANUFACTURING	142.7	142.8	146.0	- .1	- 3.3
Durable Goods	44.1	44.2	45.7	- .1	- 1.6
Lumber and Wood Products	4.0	4.0	4.5	0	- .5
Furniture and Fixtures	8.6	8.6	8.8	0	- .2
Stone, Clay and Glass Products	1.4	1.4	1.5	0	- .1
Primary Metal Industries	2.0	1.9	2.2	.1	- .2
Fabricated Metal Products	3.4	3.4	3.6	0	- .2
Machinery, except Electrical	2.4	2.4	2.3	0	.1
Electric and Electronic Equipment	14.8	14.9	15.2	- .1	- .4
Transportation Equipment	4.8	4.9	4.9	- .1	- .1
Instruments and Related Products	1.6	1.6	1.4	0	.2
Miscellaneous Manufacturing Industries	1.1	1.1	1.3	0	- .2
Nondurable Goods	98.6	98.6	100.3	0	- 1.7
Food and Kindred Products	14.8	15.1	14.7	- .3	.1
Tobacco Manufactures	5.5	5.3	5.7	.2	- .2
Textile Mill Products	24.5	23.6	24.0	.9	.5
Apparel and Other Textile Products	30.0	30.8	31.1	- .8	- 1.1
Paper and Allied Products	2.5	2.5	2.4	0	.1
Printing and Publishing	7.7	7.6	7.6	.1	.1
Chemicals and Allied Products	8.2	8.3	9.1	- .1	- .9
Petroleum, Rubber and Misc. Plastics Products	2.6	2.6	2.9	0	- .3
Leather and Leather Products	2.8	2.8	2.8	0	0
NONMANUFACTURING	739.4	737.3	717.9	2.1	21.5
Mining	.6	.6	.6	0	0
Construction	7.8	7.9	8.6	- .1	- .8
Transportation and Public Utilities	28.3	28.5	27.6	- .2	.7
Wholesale and Retail Trade	186.4	184.9	181.5	1.5	4.9
Wholesale Trade	20.5	20.6	20.0	- .1	.5
Retail Trade	165.9	164.3	161.5	1.6	4.4
Finance, Insurance and Real Estate	60.9	60.8	59.5	.1	1.4
Services	219.0	218.1	210.8	.9	8.2
Government	236.4	236.5	229.3	- .1	7.1
Federal Government	55.6	56.3	53.1	- .7	2.5
State and Local Government	180.8	180.2	176.2	.6	4.6

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to **December 1978** benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
MANUFACTURING	308.7	303.9	321.2	4.8	-12.5
Durable Goods	139.0	134.4	146.8	4.6	- 7.8
Lumber and Wood Products	19.5	19.4	21.9	.1	- 2.4
Millwork, Plywood and Structural Members	5.0	5.1	5.6	- .1	- .6
Wood Containers	1.5	1.7	1.7	- .2	- .2
Wood Buildings and Mobile Homes	2.5	2.3	2.6	.2	- .1
Miscellaneous Wood Products	1.8	1.8	1.9	0	- .1
Furniture and Fixtures	21.4	18.0	22.3	3.4	- .9
Household and Office Furniture	20.2	16.8	21.4	3.4	- 1.2
Stone, Clay and Glass Products	9.7	9.8	11.1	- .1	- 1.4
Structural Clay Products	.8	.7	.9	.1	- .1
Concrete Gypsum and Plaster Products	5.6	5.7	6.4	- .1	- .8
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	6.0	4.8	8.2	1.2	- 2.2
Fabricated Metal Products	13.3	13.2	13.9	.1	- .6
Fabricated Structural Metal Products	7.6	7.6	7.8	0	- .2
Machinery, except Electrical	10.6	10.5	10.2	.1	.4
Construction and Related Machinery	2.8	2.6	3.1	.2	- .3
Special Industry Machinery	1.5	1.5	1.6	0	- .1
Refrigeration and Service Machinery	1.2	1.2	.8	0	.4
Electric and Electronic Equipment	22.3	22.2	22.9	.1	- .6
Communication Equipment	7.0	7.1	7.2	- .1	- .2
Electronic Components and Accessories	3.3	3.5	3.5	- .2	- .2
Transportation Equipment	31.2	31.5	30.9	- .3	.3
Instruments and Related Products	2.4	2.4	2.2	0	.2
Miscellaneous Manufacturing Industries	2.6	2.6	3.2	0	- .6
Nondurable Goods	169.7	169.5	174.4	.2	- 4.7
Food and Kindred Products	29.8	30.5	29.7	- .7	.1
Meat Products	11.4	11.8	11.3	- .4	.1
Dairy Products	1.3	1.3	1.2	0	.1
Preserved Fruits and Vegetables	2.5	2.8	3.4	- .3	- .9
Bakery Products	2.5	2.5	2.5	0	0
Beverages	2.4	2.3	2.2	.1	.2
Tobacco Manufactures	12.1	11.3	12.2	.8	- .1
Cigarettes	10.2	10.2	10.1	0	.1
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.6	.8	1.8	.8	- .2
Textile Mill Products	39.7	38.1	39.6	1.6	.1
Weaving Mills, Cotton, Synthetics and Wool	16.4	16.2	16.0	.2	.4
Narrow Fabric Mills	1.0	.6	1.2	.4	- .2
Knitting Mills	12.8	12.1	11.9	.7	.9
Textile Finishing, except Wool	4.3	4.2	4.7	.1	- .4
Yarn and Thread Mills	2.8	2.7	3.0	.1	- .2
Miscellaneous Textile Goods	1.1	1.0	1.2	.1	- .1
Apparel and Other Textile Products	30.4	31.4	31.5	-1.0	- 1.1
Men's and Boys' Suits, Coats and Furnishings	12.6	12.6	12.4	0	.2
Women's and Children's Outerwear & Undergarments	14.8	15.6	15.8	- .8	- 1.0
Miscellaneous Fabricated Textile Products	1.2	1.3	1.4	- .1	- .2
Paper and Allied Products	10.9	11.0	11.1	- .1	- .2
Pulp, Paper and Paperboard	5.4	5.4	5.5	0	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	4.9	5.0	5.1	- .1	- .2
Miscellaneous Converted Paper Products	2.0	2.1	2.3	- .1	- .3
Paperboard Containers and Boxes	2.9	2.9	2.8	0	.1
Printing and Publishing	12.8	12.8	12.8	0	0
Newspapers and Periodicals	3.0	3.0	2.9	0	.1
Commercial Printing	6.3	6.3	6.2	0	.1
Chemicals and Allied Products	21.6	22.2	24.1	- .6	- 2.5
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	13.4	13.9	15.8	- .5	- 2.4
Drugs	1.2	1.2	1.2	0	0
Agricultural Chemicals	.9	1.0	1.1	- .1	- .2
Miscellaneous Chemical Products	2.2	2.2	2.0	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.0	8.9	10.0	.1	- 1.0
Miscellaneous Plastics Products	4.0	3.9	4.4	.1	- .4
Rubber and Rubber Products	4.7	4.7	5.4	0	- .7
Leather and Leather Products	3.4	3.3	3.4	.1	0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL	28.1	27.5	28.8	.6	- .7
MANUFACTURING	9.0	8.9	9.8	.1	- .8
Durable Goods	4.6	4.5	5.2	.1	- .6
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.6	0	- .3
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.0	2.3	.1	.2
Other Durable Goods 1/	1.9	1.9	2.0	0	.1
Nondurable Goods	4.7	4.4	4.6	.3	.1
Food and Kindred Products	1.6	1.6	1.7	0	- .1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.0	1.7	1.8	.3	.2
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	18.8	18.6	19.0	.2	- .2
Construction	1.4	1.4	1.5	0	- .1
Transportation & Public Utilities	1.1	1.1	1.1	0	0
Trade	6.7	6.5	6.8	.2	- .1
Wholesale Trade	1.7	1.6	1.7	.1	0
Retail Trade	5.0	4.9	5.1	.1	- .1
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.7	3.5	.1	.3
Government	4.8	4.9	5.1	.1	- .3
State and Local Government	4.4	4.5	4.7	- .1	- .3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL	70.8	69.3	72.7	1.5	- 1.9
MANUFACTURING	28.5	27.2	29.9	1.3	1.4
Durable Goods	18.3	16.5	20.0	1.8	- 1.7
Lumber and Wood Products and Furniture and Fixtures	3.8	3.8	4.3	0	- .5
Other Durable Goods 1/	14.5	12.7	15.7	1.8	- 1.2
Nondurable Goods	10.2	10.7	9.9	.5	.3
Food and Kindred Products	1.7	1.6	1.3	.1	.4
Textile Mill Products	1.6	1.8	1.8	- .2	- .2
Apparel & Other Textile Products	2.3	2.7	2.2	- .4	.1
Paper and Allied Products	1.0	1.0	.9	0	.1
Other Nondurable Goods 2/	3.6	3.6	3.7	0	- .1
NONMANUFACTURING	42.3	42.1	42.8	.2	- .5
Construction	4.1	3.9	3.9	.2	.2
Transportation and Public Utilities	2.8	2.8	2.8	0	0
Wholesale and Retail Trade	11.6	11.6	12.1	0	- .5
Wholesale Trade	2.2	2.2	2.1	0	.1
Retail Trade	9.4	9.4	10.0	0	- .6
Finance, Insurance and Real Estate	3.7	3.7	3.5	0	.2
Services and Mining	10.7	10.7	10.6	0	.1
Government	9.4	9.4	9.9	0	- .5

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL	155.2	155.9	149.3	- .7	5.9
MANUFACTURING	34.9	34.6	33.4	.3	1.5
Durable Goods	28.3	28.1	27.2	.2	1.1
Stone, Clay & Glass Products	.6	.6	.3	0	.3
Transportation Equipment	24.1	24.0	22.6	.1	1.5
Other Durable Goods 1/	3.6	3.5	4.3	.1	- .7
Nondurable Goods	6.6	6.5	6.2	.1	.4
Food & Kindred Products	3.0	3.0	2.6	0	.4
Textile Mill Products & Apparel & Other Textile Products	.7	.6	.7	.1	0
Printing and Publishing	1.1	1.1	1.1	0	0
Other Nondurable Goods 2/	1.8	1.8	1.8	0	0
NONMANUFACTURING	120.3	121.3	115.9	- 1.0	4.4
Construction	7.2	7.7	7.9	- .5	- .7
Transportation and Public Utilities	5.3	5.3	5.2	0	.1
Wholesale and Retail Trade	29.3	29.2	28.6	.1	.7
Wholesale Trade	3.4	3.3	3.4	.1	0
Retail Trade	25.9	25.9	25.2	0	.7
Finance, Insurance and Real Estate	5.3	5.3	5.3	0	0
Services and Mining	30.7	31.3	28.7	- .6	2.0
Government	42.5	42.5	40.2	0	2.3
Federal Government	17.1	17.4	17.0	- .3	.1
State and Local Government	25.4	25.1	23.2	.3	2.2

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL	284.0	285.0	287.2	- 1.0	- 3.2
MANUFACTURING	29.2	29.8	30.4	- .6	- 1.2
Durable Goods	17.1	17.7	17.9	- .6	- .8
Lumber & Wood Products	1.6	1.7	1.8	- .1	- .2
Stone, Clay and Glass Products	1.7	1.8	1.9	- .1	- .2
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	.9	.9	.8	0	.1
Machinery (ex. Electrical)	1.2	1.2	1.1	0	.1
Transportation Equipment	7.2	7.6	7.6	- .4	- .4
Other Durable Goods 1/	4.4	4.4	4.5	0	- .1
Nondurable Goods	12.1	12.1	12.5	0	- .4
Food and Kindred Products	6.0	6.0	6.2	0	- .2
Apparel & Other Textile Products	.9	.9	1.0	0	- .1
Printing and Publishing	2.5	2.5	2.2	0	.3
Chemicals and Allied Products	1.3	1.3	1.5	0	- .2
Agricultural Chemicals	.6	.6	.7	0	- .1
Other Nondurable Goods 2/	1.4	1.4	1.6	0	- .2
NONMANUFACTURING	254.8	255.2	256.8	- .4	- 2.0
Construction	16.5	16.5	19.1	0	- 2.6
Transportation & Public Utilities	19.3	19.3	19.5	0	- .2
Railroads	1.4	1.4	1.6	0	- .2
Wholesale and Retail Trade	69.5	69.3	70.5	.2	- 1.0
Wholesale Trade	14.4	14.5	14.6	- .1	- .2
Retail Trade	55.1	54.8	55.9	.3	- .8
Finance, Insurance & Real Estate	14.8	14.7	14.9	.1	- .1
Banking	4.4	4.4	4.2	0	.2
Insurance Carriers and Agents	3.0	3.1	3.2	- .1	- .2
Services and Mining	55.8	55.8	54.9	0	.9
Personal Services	4.2	4.2	4.2	0	0
Government	78.9	79.6	77.9	- .7	1.0
Federal Government	36.5	36.9	36.5	- .4	0
State & Local Government	42.4	42.7	41.4	- .3	1.0

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL	432.7	432.6	429.2	.1	3.5
MANUFACTURING	17.0	17.0	16.8	0	.2
Durable Goods	10.1	10.2	10.2	- .1	- .1
Stone, Clay and Glass Products	1.0	1.0	1.1	0	- .1
Fabricated Metal Products	1.1	1.1	1.2	0	- .1
Machinery, except Electrical	.6	.7	.7	- .1	- .1
Electric and Electronic Equipment	5.4	5.4	5.1	0	.3
Other Durable Goods 1/	2.0	2.0	2.1	0	- .1
Nondurable Goods	6.9	6.8	6.6	.1	.3
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.5	4.4	4.4	.1	.1
Other Nondurable Goods 2/	1.3	1.3	1.1	0	.2
NONMANUFACTURING	415.7	415.6	412.4	.1	3.3
Mining	.4	.4	.4	0	0
Construction	28.1	27.9	33.2	.2	-5.1
Transportation & Public Utilities	29.5	29.8	29.3	- .3	.2
Transportation By Air	8.6	8.7	9.1	- .1	- .5
Electric, Gas & Sanitary Service	3.5	3.5	3.3	0	.2
Wholesale and Retail Trade	98.6	98.1	97.9	.5	.7
Wholesale Trade	18.4	18.5	18.4	- .1	0
Retail Trade	80.2	79.6	79.5	.6	.7
General Merchandise Stores	11.9	11.5	12.5	.4	- .6
Food Stores	9.3	9.3	9.0	0	.3
Auto. Dealers & Service Stations	12.2	12.1	12.4	.1	- .2
Apparel & Accessory Stores	5.2	5.2	4.8	0	.4
Eating & Drinking Places	23.4	23.4	23.1	0	.3
Finance, Insurance & Real Estate	27.5	27.5	27.7	0	- .2
Banking	6.0	6.0	5.9	0	.1
Services	114.9	114.5	109.5	.4	5.4
Business Services	40.2	40.0	38.6	.2	1.6
Government	116.7	117.4	114.4	- .7	2.3
Federal Government	68.0	68.6	66.7	- .6	1.3
State and Local Government	48.7	48.8	47.7	- .1	1.0

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL	48.5	48.8	46.8	- .3	1.7
MANUFACTURING	11.6	11.7	12.1	- .1	- .5
Durable Goods	2.6	2.7	2.6	- .1	0
Lumber and Wood Products and Furniture & Fixtures	.4	.5	.4	- .1	0
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.3	0	- .1
Other Durable Goods 1/	1.8	1.8	1.7	0	.1
Nondurable Goods	9.0	9.0	9.5	0	- .5
Food and Kindred Products	.3	.3	.3	0	0
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.0	0	.1
Chemicals and Allied Products	3.5	3.5	3.9	0	- .4
Other Nondurable Goods 2/	4.1	4.1	4.3	0	- .2
NONMANUFACTURING	36.9	37.1	34.7	- .2	2.2
Construction	3.9	3.9	2.4	0	1.5
Transportation and Public Utilities	1.5	1.5	1.5	0	0
Wholesale and Retail Trade	8.1	8.1	8.4	0	- .3
Wholesale Trade	1.2	1.2	1.3	0	- .1
Retail Trade	6.9	6.9	7.1	0	- .2
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.4	6.2	5.8	.2	.6
Government	15.7	16.1	15.3	- .4	.4
Federal Government	5.5	6.1	5.7	- .6	- .2
State and Local Government	10.2	10.0	9.6	.2	.6

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL	322.9	322.7	325.3	.2	- 2.4
MANUFACTURING	55.0	54.8	55.7	.2	- .7
Durable Goods	17.8	17.8	18.0	0	- .2
Lumber & Wood Products	1.4	1.4	1.7	0	- .3
Furniture & Fixtures	2.2	2.1	2.2	.1	0
Stone, Clay & Glass Products	1.2	1.2	1.3	0	- .1
Fabricated Metal Products	2.5	2.6	2.5	- .1	0
Fabricated Structural Metal Products	1.8	1.8	1.9	0	- .1
Machinery, except Electrical	2.1	2.1	2.0	0	.1
Other Durable Goods 1/	8.4	8.4	8.3	0	.1
Nondurable Goods	37.2	37.0	37.7	.2	- .5
Food & Kindred Products	4.2	4.2	4.4	0	- .2
Bakery Products	1.8	1.8	1.8	0	0
Tobacco Manufactures	12.1	11.8	11.9	.3	.2
Cigarettes	11.2	11.2	10.9	0	.3
Tobacco Stemming & Redrying	.5	.2	.6	.3	- .1
Apparel & Other Textile Products	2.2	2.3	2.4	- .1	- .2
Paper & Allied Products	4.1	4.1	4.2	0	- .1
Printing and Publishing	5.2	5.2	5.1	0	.1
Commercial Printing	2.9	2.9	2.8	0	.1
Chemicals & Allied Products	7.4	7.4	7.8	0	- .4
Other Nondurable Goods 2/	2.0	2.0	1.9	0	.1
NONMANUFACTURING	267.9	267.9	269.6	0	- 1.7
Mining	.4	.4	.4	0	0
Construction	17.2	17.2	20.1	0	2.9
Transportation & Public Utilities	19.9	19.8	19.6	.1	.3
Wholesale & Retail Trade	72.9	72.8	73.6	.1	- .7
Wholesale Trade	22.2	22.1	22.1	.1	.1
Retail Trade	50.7	50.7	51.5	0	- .8
General Merchandise Stores	10.2	10.3	10.8	- .1	- .6
Food Stores	7.2	7.1	7.2	.1	0
Auto Dealers & Service Stations	5.6	5.6	6.1	0	- .5
Finance, Insurance & Real Estate	26.9	27.0	27.1	- .1	- .2
Insurance Carriers	10.4	10.4	10.3	0	.1
Services	59.9	60.0	58.6	- .1	1.3
Government	70.7	70.7	70.2	0	.5
Federal Government	8.0	8.2	8.2	- .2	- .2
State & Local Government	62.7	62.5	62.0	.2	.7

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1980	July 1980	August 1979	July 1980	August 1979
NONAGRICULTURAL	105.7	105.2	105.1	.5	.6
MANUFACTURING	21.0	21.1	20.8	- .1	.2
Durable Goods	12.3	12.3	12.0	0	.3
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.6	2.6	2.6	0	0
Fabricated Structural Metal Products	1.3	1.3	1.3	0	0
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.6	6.6	6.3	0	.3
Nondurable Goods	8.7	8.8	8.8	- .1	- .1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.8	1.8	1.8	0	0
Apparel & Other Textile Products	1.5	1.6	1.7	- .1	- .2
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.6	2.5	0	.1
NONMANUFACTURING	84.7	84.1	84.3	.6	.4
Mining	.1	.1	.1	0	0
Construction	6.8	6.8	6.7	0	.1
Transportation & Public Utilities	9.9	9.6	10.3	.3	- .4
Wholesale & Retail Trade	25.6	25.4	26.2	.2	- .6
Wholesale Trade	7.3	7.3	7.4	0	- .1
Retail Trade	18.3	18.1	18.8	.2	- .5
Finance, Insurance & Real Estate	6.3	6.3	6.0	0	.3
Services	19.7	19.8	19.5	- .1	.2
Government	16.3	16.1	15.5	.2	.8
Federal Government	3.2	3.3	3.2	- .1	0
State & Local Government	13.1	12.8	12.3	.3	.8

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
MANUFACTURING	$248.38	$245.07	$222.78	39.3	38.9	39.5	$6.32	$6.30	$5.64
Durable Goods	254.72	251.66	228.85	39.8	39.2	39.8	6.40	6.42	5.75
Lumber and Wood Products	182.44	174.10	167.52	38.9	37.2	38.6	4.69	4.68	4.34
Furniture and Fixtures	159.71	153.79	157.58	36.8	35.6	39.2	4.34	4.32	4.02
Household and Office Furniture	158.41	151.20	156.79	36.5	35.0	39.1	4.34	4.32	4.01
Stone, Clay and Glass Products	241.31	228.14	216.94	40.9	39.2	41.4	5.90	5.82	5.24
Structural Clay Products	210.31	196.06	184.02	41.4	38.9	37.1	5.08	5.04	4.96
Glass and Glass Products	243.59	259.75	232.47	38.3	39.9	41.0	6.36	6.51	5.67
Primary Metal Industries	323.47	327.62	275.09	38.6	37.4	38.8	8.38	8.76	7.09
Fabricated Metal Products	1) 301.10	1) 308.02	281.63	40.8	41.4	41.6	1) 7.38	1) 7.44	6.77
Fabricated Structural Metal Products	1) 293.44	1) 307.87	277.13	41.8	42.7	43.1	1) 7.02	1) 7.21	6.43
Machinery, except Electrical	274.70	259.69	237.60	41.0	40.2	39.6	6.70	6.46	6.00
Construction and Related Machinery	275.02	246.77	244.59	39.8	38.8	39.9	6.91	6.36	6.13
Special Industry Machinery	278.21	261.00	242.79	37.8	36.1	37.7	7.36	7.23	6.44
Refrigeration and Service Machinery	314.86	287.55	192.55	45.5	43.7	37.1	6.92	6.58	5.19
Electric and Electronic Equipment	249.72	247.29	222.34	38.3	38.7	38.4	6.52	6.39	5.79
Communication Equipment	250.02	276.31	226.80	36.5	39.7	36.0	6.85	6.96	6.30
Instruments and Related Products	211.58	210.26	210.84	39.4	39.3	38.9	5.37	5.35	5.42
Miscellaneous Manufacturing Industries	201.17	168.64	183.63	38.1	31.0	37.4	5.28	5.44	4.91
Nondurable Goods	243.12	239.32	218.67	38.9	38.6	39.4	6.25	6.20	5.55
Food and Kindred Products	225.61	224.26	199.56	38.5	38.8	38.9	5.86	5.78	5.13
Tobacco Manufactures	359.57	384.00	271.15	37.3	40.0	37.4	9.64	9.60	7.25
Cigarettes	392.42	401.58	290.68	38.7	40.4	37.8	10.14	9.94	7.69
Textile Mill Products	200.80	197.39	196.11	40.0	39.4	41.2	5.02	5.01	4.76
Weaving Mills, Cotton, Synthetics and Wool	222.50	211.70	218.44	42.3	40.4	43.0	5.26	5.24	5.08
Knitting Mills	179.24	178.78	164.74	38.3	38.2	38.4	4.68	4.68	4.29
Yarn and Thread Mills	169.99	169.46	168.90	38.9	39.5	41.6	4.37	4.29	4.06
Miscellaneous Textile Goods	213.86	209.48	187.85	40.2	39.6	39.3	5.32	5.29	4.78
Apparel and Other Textile Products	148.63	146.14	134.11	35.9	35.3	35.2	4.14	4.14	3.81
Men's and Boys' Suits, Coats and Furnishings	155.24	162.21	139.94	36.7	37.9	35.7	4.23	4.28	3.92
Women's and Children's Outerwear & Undergarments	142.74	132.44	126.57	34.9	32.7	34.3	4.09	4.05	3.69
Paper and Allied Products	329.22	322.28	301.46	42.1	41.8	42.7	7.82	7.71	7.06
Pulp, Paper and Paperboard	389.27	394.11	344.40	43.3	43.5	42.0	8.99	9.06	8.20
Misc. Converted Paper and Paperboard Products, Containers and Boxes	273.48	250.26	254.72	41.5	40.3	43.1	6.59	6.21	5.91
Printing and Publishing	274.02	269.35	250.42	37.9	37.1	37.6	7.23	7.26	6.66
Newspapers and Periodicals	265.32	253.27	233.91	36.0	34.6	34.5	7.37	7.32	6.78
Chemical and Allied Products	323.61	314.42	298.80	40.2	39.6	41.5	8.05	7.94	7.20
Plastic Materials and Synthetics	332.37	317.17	303.58	39.9	39.4	41.7	8.33	8.05	7.28
Agricultural Chemicals	235.30	212.04	181.98	40.5	37.2	37.6	5.81	5.70	4.84
Leather and Leather Products	132.86	140.16	130.15	36.4	38.4	37.4	3.65	3.65	3.48

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
MANUFACTURING	1) $209.02	1) $204.04	$198.02	36.8	36.5	36.4	1) $5.68	1) $5.59	$5.44
Durable Goods	1) 253.74	1) 247.50	239.65	39.4	39.1	38.1	1) 6.44	1) 6.33	6.29
Fabricated Metal Products	1) 325.31	1) 333.16	340.65	39.1	39.9	39.2	1) 8.32	1) 8.35	8.69
Machinery and Transportation Equipment	246.64	240.00	205.16	40.7	40.0	37.1	6.06	6.00	5.53
Nondurable Goods	158.65	151.34	147.40	33.9	32.9	34.6	4.68	4.60	4.26
Food and Kindred Products	180.40	180.62	174.54	33.1	32.9	34.7	5.45	5.49	5.03
Apparel and Other Textile Products	130.74	114.68	118.80	33.1	30.5	33.0	3.95	3.76	3.60

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,900 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
MANUFACTURING	$231.04	$236.81	$220.77	38.0	39.6	38.8	$6.08	$5.98	$5.69
Durable Goods	1) 241.70	1) 259.77	236.16	1) 37.3	1) 40.4	39.1	1) 6.48	1) 6.43	6.04
Lumber and Wood Products and Furniture and Fixtures	169.48	169.30	151.26	38.0	39.1	38.1	4.46	4.33	3.97
Nondurable Goods	215.05	208.44	187.99	39.1	38.6	37.3	5.50	5.40	5.04
Food and Kindred Products	223.79	222.38	217.60	39.4	39.5	42.5	5.68	5.63	5.12
Textile Mill Products	211.31	223.11	221.00	37.6	40.2	42.5	5.62	5.55	5.20
Apparel and Other Textile Products	124.41	122.62	107.09	33.0	32.7	29.1	3.77	3.75	3.68
Paper and Allied Products	391.50	350.09	281.66	54.3	49.8	43.2	7.21	7.03	6.52

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 19,600 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
MANUFACTURING	$267.65	$261.88	$256.41	40.8	39.5	40.7	$6.56	$6.63	$6.30
Durable Goods	283.72	277.46	275.26	41.0	39.3	40.9	6.92	7.06	6.73
Lumber and Wood Products	1) 205.28	1) 200.58	198.22	39.1	38.5	37.9	1) 5.25	1) 5.21	5.23
Stone, Clay, and Glass Products	239.80	208.95	202.33	39.9	35.0	37.4	6.01	5.97	5.41
Fabricated Metal Products	246.28	239.57	200.55	43.9	43.4	39.4	5.61	5.52	5.09
Machinery, except Electrical	238.37	230.08	205.40	41.6	39.6	39.5	5.73	5.81	5.20
Transportation Equipment	341.36	341.14	351.48	42.3	41.3	43.5	8.07	8.26	8.08
Nondurable Goods	239.36	233.81	219.75	40.5	39.9	40.1	5.91	5.86	5.48
Food and Kindred Products	228.65	231.68	210.84	41.8	42.2	41.1	5.47	5.49	5.13
Apparel and Other Textile Products	153.49	156.46	129.56	36.2	36.9	35.4	4.24	4.24	3.66
Chemicals and Allied Products	229.36	204.56	209.06	38.1	33.7	38.5	6.02	6.07	5.43

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,400 production workers.

1) Not comparable with data for prior years.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
MANUFACTURING	$281.39	$271.21	$254.70	39.8	38.8	40.3	$7.07	$6.99	$6.32
Durable Goods	273.47	259.24	254.59	41.0	39.7	41.6	6.67	6.53	6.12
Stone, Clay, and Glass Products	228.67	221.74	217.71	39.7	38.1	39.8	5.76	5.82	5.47
Fabricated Metal Products	253.74	265.28	274.29	39.4	39.3	43.4	6.44	6.75	6.32
Electric and Electronic Equipment	315.92	284.50	277.06	44.0	41.9	42.3	7.18	6.79	6.55
Nondurable Goods	293.75	288.33	261.58	38.1	37.3	37.8	7.71	7.73	6.92
Food and Kindred Products	299.71	310.16	268.87	41.0	41.8	40.8	7.31	7.42	6.59

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
MANUFACTURING	$297.96	$300.99	$282.41	39.0	39.5	38.9	$7.64	$7.62	$7.26
Durable Goods	173.28	176.47	167.48	38.0	38.7	37.3	4.56	4.56	4.49
Lumber and Wood Products and Furniture and Fixtures	140.19	134.74	182.33	36.7	33.6	42.7	3.82	4.01	4.27
Nondurable Goods	335.62	338.24	312.03	39.3	39.7	39.2	8.54	8.52	7.96
Food & Kindred Products	208.46	222.72	179.99	36.7	38.4	41.0	5.68	5.80	4.39
Chemicals & Allied Products	373.73	371.33	384.85	40.8	39.8	43.0	9.16	9.33	8.95

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,100 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
MANUFACTURING	$313.63	$311.22	$272.74	39.5	39.0	39.7	$7.94	$7.98	$6.87
Durable Goods	302.88	303.16	273.64	39.8	40.1	40.6	7.61	7.56	6.74
Lumber and Wood Products	182.80	189.66	176.51	40.0	41.5	40.3	4.57	4.57	4.38
Furniture and Fixtures	163.60	178.79	168.90	36.6	38.7	38.3	4.47	4.62	4.41
Primary Metal Industries	556.10	497.17	423.36	44.1	41.5	42.0	12.61	11.98	10.08
Fabricated Metal Products	358.15	383.60	330.88	39.4	40.0	40.4	9.09	9.59	8.19
Fabricated Structural Metal Products	396.24	433.95	357.16	39.0	40.9	41.1	10.16	10.61	8.69
Nondurable Goods	318.75	314.16	272.35	39.4	38.5	39.3	8.09	8.16	6.93
Food and Kindred Products	1)233.02	1)206.91	217.78	39.9	36.3	37.1	1) 5.84	1) 5.70	5.87
Tobacco Manufactures	385.44	380.14	279.24	37.9	37.6	38.2	10.17	10.11	7.31
Cigarettes	391.17	385.56	283.04	38.2	37.8	38.3	10.24	10.20	7.39
Apparel and Other Textile Products	159.60	152.52	144.77	38.0	36.4	37.7	4.20	4.19	3.84
Paper and Allied Products	271.35	283.44	270.14	42.8	40.9	40.5	6.34	6.93	6.67
Printing and Publishing	313.43	309.82	287.86	37.9	37.6	38.9	8.27	8.24	7.40
Chemicals and Allied Products	341.09	341.60	314.83	39.8	40.0	41.1	8.57	8.54	7.66

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 36,600 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
MANUFACTURING	$229.70	$223.68	$207.72	39.4	38.9	40.1	$5.83	$5.75	$5.18
Durable Goods	229.12	223.49	208.01	38.9	38.8	39.1	5.89	5.76	5.32
Fabricated Metal Products	226.29	215.03	203.09	40.7	39.6	40.7	5.56	4.43	4.99
Fabricated Structural Metal Products	232.47	219.45	202.81	41.0	39.9	40.4	5.67	5.50	5.02
Nondurable Goods	230.75	224.62	207.83	40.2	39.2	41.4	5.74	5.73	5.02
Food and Kindred Products	240.49	243.45	222.30	44.7	45.0	45.0	5.38	5.41	4.94
Textile Mill Products	186.76	175.12	179.42	40.6	37.5	40.5	4.60	4.67	4.43

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979
Virginia	$243.38	$245.07	$222.78	$198.10	$195.79	$180.09	$216.47	$213.96	$197.06
Bristol Area	1)209.02	1)204.04	198.02	170.06	166.43	162.04	186.34	182.46	177.78
Lynchburg SMSA	231.04	236.81	220.77	185.99	190.02	178.63	203.32	207.70	195.47
Norfolk-Virginia Beach-Portsmouth SMSA	267.65	261.88	256.41	211.55	207.54	203.71	231.10	226.72	222.57
Northern Virginia Area	281.39	271.21	254.70	220.88	213.97	202.52	241.52	233.80	221.27
Petersburg-Colonial Heights-Hopewell SMSA	297.96	300.99	282.41	232.12	234.18	221.57	254.09	256.39	242.29
Richmond SMSA	313.63	311.22	272.74	242.53	240.98	251.01	265.75	264.00	234.96
Roanoke SMSA	229.70	223.68	207.72	185.05	180.75	169.12	202.30	197.74	185.33

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

1) Not comparable with data for prior years.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	August 1980 2/	July 1980	August 1979	July 1979
NONAGRICULTURAL	2,103.7	2,090.4	2,095.9	2,092.7
MANUFACTURING	402.2	399.4	413.6	413.8
Durable Goods	183.9	179.0	191.8	191.5
Lumber & Wood Products	22.3	22.3	25.0	25.0
Furniture and Fixtures	25.8	22.6	27.2	27.2
Stone, Clay and Glass Products	12.1	12.1	13.4	13.5
Primary Metal Industries	11.3	10.2	13.9	14.6
Fabricated Metal Products	20.4	20.4	20.9	20.9
Machinery, except Electrical	15.2	14.9	14.7	14.7
Electric and Electronic Equipment	33.0	33.2	33.4	33.3
Transportation Equipment	36.1	36.1	35.6	35.4
Instruments and Related Products	4.0	4.0	3.7	3.7
Nondurable Goods	218.5	220.4	221.8	222.3
Food and Kindred Products	40.8	42.2	40.3	39.7
Tobacco Manufactures	16.1	16.3	16.2	16.1
Textile Mill Products	44.4	42.8	44.3	44.2
Apparel and Other Textile Products	33.2	34.6	34.4	34.8
Paper and Allied Products	14.3	14.5	14.4	14.6
Printing and Publishing	22.0	21.7	21.1	21.1
Chemicals and Allied Products	32.0	32.5	34.5	34.5
Leather and Leather Products	3.6	3.5	3.7	3.8
MINING	23.2	22.1	23.5	22.7
Bituminous Coal and Lignite Mining	20.1	19.0	20.0	19.3
CONTRACT CONSTRUCTION	119.8	119.8	137.2	136.9
TRANSPORTATION & PUBLIC UTILITIES	114.6	114.5	114.8	114.9
Railroad Transportation	14.6	14.2	15.3	15.3
Trucking and Warehousing	28.9	28.9	29.4	29.5
Transportation by Air	10.8	10.9	11.5	11.4
Communication	29.1	29.1	27.6	27.6
Electric, Gas and Sanitary Services	16.5	16.4	15.8	15.9
WHOLESALE AND RETAIL TRADE	449.2	444.9	437.5	437.2
Wholesale Trade	105.0	104.0	102.2	101.3
Retail Trade	344.1	340.9	335.4	336.1
General Merchandise Stores	56.5	56.4	56.5	56.6
Food Stores	54.4	54.2	50.7	50.9
FINANCE, INSURANCE & REAL ESTATE	104.0	104.1	103.3	103.1
Banking	30.9	30.9	30.3	30.2
Insurance Carriers	19.7	19.9	19.6	19.5
SERVICES	385.6	383.5	369.1	369.3
Personal Services	25.1	25.2	24.2	24.2
Business Services	74.8	74.7	72.1	71.6
GOVERNMENT	505.4	501.5	495.7	493.9
Federal Government	156.1	156.3	153.7	153.6
State and Local Government	349.1	344.5	341.4	339.6
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.4	39.0	39.5	39.7
Durable Goods	40.0	39.6	39.9	40.5
Lumber and Wood Products	38.6	37.2	38.3	38.6
Furniture and Fixtures	36.5	34.9	38.8	39.2
Household & Office Furniture	36.1	34.2	38.6	39.1
Stone, Clay & Glass Products	38.9	40.9	41.1	41.9
Primary Metal Industries	38.7	37.7	38.9	40.9
Fabricated Metal Products	40.3	41.9	41.1	41.7
Fabricated Structural Metal Products	41.3	43.4	42.5	44.4
Machinery, except Electrical	41.6	41.4	40.2	40.9
Electric and Electronic Equipment	38.5	38.9	38.6	38.7
Instruments & Related Products	39.6	39.8	39.1	39.1
Miscellaneous Manufacturing Industries	37.5	31.9	36.8	38.0
Nondurable Goods	38.8	38.7	39.2	39.2
Food & Kindred Products	38.4	38.0	38.8	38.4
Tobacco Manufactures	37.4	40.0	37.5	38.3
Cigarettes	38.7	40.1	37.8	38.1
Textile Mill Products	39.9	39.0	41.0	39.7
Weaving Mills, Cotton, Synthetics and Wool	42.2	40.6	43.0	40.7
Knitting Mills	37.8	37.4	37.9	37.5
Apparel & Other Textile Products	36.0	35.2	35.3	35.2
Men's and Boys' Suits, Coats and Furnishings	36.2	36.7	35.2	34.2
Women's and Children's Outerwear & Undergarments	35.2	32.9	34.6	35.3
Paper & Allied Products	42.3	42.5	42.9	42.6
Pulp, Paper and Paperboard	43.8	44.4	42.4	42.9
Printing and Publishing	38.1	37.3	37.8	39.4
Newspapers and Periodicals	35.9	35.3	34.4	34.8
Chemicals & Allied Products	40.3	39.9	41.6	41.3
Plastics Materials & Synthetics	39.7	39.4	41.5	41.8
Agricultural Chemicals	42.8	39.6	39.8	39.6
Leather & Leather Products	35.7	37.8	36.7	36.5

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1972 - 1979

JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages:									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	75.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.2	80.8	266.4	390.2
1974	1,806.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	406.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.5	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.5	374.7	493.6
1976:									
January	1,814.8	379.7	22.9	111.7	102.4	376.2	84.1	306.0	426.0
February	1,824.7	383.8	22.6	115.3	103.0	378.5	84.4	308.2	427.8
March	1,826.9	385.6	22.1	112.4	102.6	379.3	84.6	308.2	429.2
April	1,831.8	389.2	21.8	111.4	101.6	381.5	85.6	309.5	429.1
May	1,835.1	386.8	21.1	111.5	104.2	383.6	85.8	310.7	430.9
June	1,842.1	388.7	20.8	110.5	105.8	384.2	86.2	312.7	431.6
July	1,841.0	387.7	20.7	110.8	105.4	385.2	86.8	312.7	432.3
August	1,844.1	388.0	21.1	110.9	105.7	385.8	86.8	313.0	434.0
September	1,852.0	389.2	21.2	111.1	105.8	386.8	86.8	315.4	435.9
October	1,858.5	389.5	21.2	111.7	104.8	388.0	87.7	318.4	438.4
November	1,864.0	391.8	22.4	112.3	103.7	387.1	88.0	318.7	439.3
December	1,872.9	393.2	23.4	112.3	104.8	386.8	88.4	320.7	439.1
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.6	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	336.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	405.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.3	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.6	101.3	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,103.7	402.2	23.2	119.8	114.6	449.2	104.0	385.6	505.4
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

UNION HOURLY WAGE RATES IN THE BUILDING TRADES IN CITIES OF 100,000 INHABITANTS OR MORE

July 1979 and 1980 UNION WAGE RATES 1/

TRADE OR OCCUPATION	HOURLY AVERAGE		BASIC RATE			
	United States		Norfolk		Richmond	
	1980	1979	1980	1979	1980	1979
Bricklayers	$12.68	$11.79	$10.98	$ 9.68	$11.50	$10.45
Carpenters	12.44	11.55	10.15	9.30	10.15	9.30
Electricians	13.57	12.59	11.05	10.20	12.35	10.91
Painters	12.01	11.14	9.35	8.50	9.10	8.55
Plasterers	12.08	11.30	11.26	10.71	10.85	10.20
Plumbers	13.04	12.02	10.30	10.30	11.95	11.05
Building Laborers	9.88	9.07	6.40	5.95	6.10	5.95

1/ These rates represent the minimum wage rates (excluding holiday and vacation payments regularly made or credited to the worker each pay period) agreed upon through collective bargaining between employers and trade unions.

Source: U. S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

10/30/80

58270-2

EMPLOYMENT HOURS AND EARNINGS

VOLUME 30
NUMBER 10

VIRGINIA

BRISTOL

RICHMOND

NORTHERN VIRGINIA

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

ROANOKE

LYNCHBURG

NEWPORT NEWS-HAMPTON

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF RESEARCH AND STATISTICS

OCTOBER 1980

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Explanatory Notes

VIRGINIA'S NONFARM EMPLOYMENT ADVANCES TO AN ALL-TIME HIGH

DURING SEPTEMBER 1980 VIRGINIA'S NONAGRICULTURAL EMPLOYMENT REACHED A NEW ALL-TIME HIGH with 2,135,900 workers being counted on payrolls across the state. An over-the-month increase of 11,800 and an over-the-year rise of 15,700 was posted. Manufacturing, government, trade and mining were the segments that posted plusses. While government, trade and mining are above last year's levels, manufacturing still lags behind last year. Despite the gains all was not well as construction, finance, transportation and public utilities and services recorded downs in worker totals between mid-August and mid-September. Some of the downtrend was seasonal as many tourist-related businesses released their temporary summer workers. Construction continued to have its problems and while well below year-ago levels, the August-September decline was not as severe as it was in 1979.

MANUFACTURING EXPERIENCED A STRONG COMEBACK IN SEPTEMBER with increases in employment, hours of work and hourly earnings. Durable goods producers had gains in every division, except electrical machinery and supplies which was unchanged. New orders for hardgoods prompted recalls and hirings. Several contracts for ship repair work have been awarded and should aid the transportation equipment sector. While inventories are uncomfortably high in some areas, manufacturers are hoping sales will not falter this winter. Nondurable goods producers registered good gains in the food, tobacco and apparel segments. Seasonal workers were hired to process fruits and vegetables and to handle this year's tobacco crop. Despite the unusually dry summer, crops were reported to be better than had been expected. The reopening of apparel plants that were on unpaid vacations in August account for much of their increase. Over-the-month losses were minimal among other softgoods producers, with the largest being 200 in textiles. Average weekly earnings were at record levels in September. Virginia's 313,500 factory production workers averaged $249.80 this month-up $2.06 over August and $22.20 over last September. The average workweek was two-tenths of an hour longer than in August. The 39.4 hourly workweek recorded in September was the longest since January 1980 when the workweek averaged 39.8 hours. Hourly earnings at $6.34 were up two cents over the month and sixty-five cents over the year. In the major areas of the state weekly earnings were up in all except Bristol and Northern Virginia. Workweeks were longer, or held steady, in all but these same two areas.

NONMANUFACTURING INDUSTRIES WERE ON THE UPTREND IN SEPTEMBER, notwithstanding seasonal layoffs. Hotels, motels and amusement centers began their end of summer windup and much of the decrease in services was attributed to the abatement of the tourist season. Construction employment also was down. While the decline followed previous year's trends, sales of new homes continues to remain depressed and a new round of increases in mortgage rates has dampened the prospects of many potential buyers. Financial institutions were undergoing retrenchment and workers on rolls were down again this month. Higher interest rates have also impeded the sales of cars, major appliances and other big-ticket items. While fall and back-to-school sales promotions have been staged to induce shoppers to spend, reluctance on the part of consumers still exists. Sales were reported to be strongest among energy-related and do-it-yourself items such as cold-weather clothing, fireplace accessories, automotive tune-up kits and ready-to-assemble furniture. Winter fashion merchandise, particularly women's sportswear and men's clothing, were also among the better sellers. Government payrolls swelled with the return of nonteaching personnel to schools and colleges across the Commonwealth. This overshadowed the final phasing out of census offices and the release of students hired by federal government agencies for the summer. While mining employment was rising, transportation and public utilities was declining, leaving these divisions virtually unchanged between August and September.

THE PRODUCERS PRICE INDEX, PUBLISHED BY THE BUREAU OF LABOR STATISTIC'S was 274.1 (1967=100) in September 1980. The monthly increase was 0.4 percent. The index for finished goods at 248.9 was unchanged percentagewise over the month.

THE BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMER PRICE INDEX (U. S. City Average) rose 0.9 percent in September to 251.7. The index was up 12.7 percent over the year. The Urban Wage Earners and Clerical Workers Index at 251.9, was up 0.9 percent over the month and 12.6 percent over the year. The base period for both indexes is 1967.

THE OCTOBER 1980 CONSUMER PRICE INDEX data will be released on November 25, 1980 and may be obtained by calling 804-786-4490.

THE AREA WAGE SURVEY FOR THE RICHMOND, VIRGINIA, METROPOLITAN AREA - JUNE 1980 is now available. The survey includes earnings averages for about 40 specific occupations and increases in averages for five selected occupational groups. Data were obtained from 145 establishments employing approximately 81,000 workers. These were selected to represent approximately 583 firms with about 132,000 workers. Also available are the results of the May 1980 Norfolk-Virginia Beach-Portsmouth, Virginia-North Carolina Area Wage Survey. Included are earnings averages for about 30 specific occupations and increases in averages for four selected occupational groups. Data for this survey were obtained from more than 130 establishments employing approximately 47,500 workers. These were selected to represent approximately 410 firms with about 75,000 workers. Copies may be obtained by calling (215) 596-1154 or writing:

U. S. Department of Labor
Bureau of Labor Statistics
Region III
P. O. Box 13309
Philadelphia, PA 19101

The Richmond Area survey's price is $2.25 and Norfolk Area's price is $1.75. Checks should be made payable to "Superintendent of Documents."

Table B-1.

LABOR FORCE ESTIMATES[1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed [2]			Unemployed			Per Cent of Labor Force		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	Aug. 1980	July 1980	Aug. 1979
United States	106,126,000	106,997,000	104,363,000	98,115,000	98,587,000	98,226,000	8,011,000	8,410,000	6,137,000	7.5	7.9	5.9
Virginia	2,536,000	2,551,000	2,496,200	2,398,300	2,403,500	2,389,900	137,700	147,500	106,300	5.4	5.8	4.3
Bristol Area	39,730	39,920	38,210	36,970	36,920	36,550	2,760	3,000	1,660	6.9	7.5	4.3
Lynchburg SMSA	77,420	76,880	75,880	72,820	71,550	73,210	4,600	5,330	2,670	5.9	6.9	3.5
Newport News-Hampton SMSA	172,140	172,790	162,140	162,520	163,350	154,250	9,620	9,440	7,890	5.6	5.5	4.9
Norfolk-Virginia Beach-Portsmouth SMSA	330,430	332,800	325,890	310,950	312,620	309,220	19,480	20,180	16,670	5.9	6.1	5.1
Northern Virginia Area	572,200	574,900	558,500	554,200	555,400	541,000	18,000	19,500	17,500	3.1	3.4	3.1
Petersburg-Colonial Heights-Hopewell SMSA	62,740	63,050	58,730	58,430	58,900	55,580	4,310	4,150	3,150	6.9	6.6	5.4
Richmond SMSA	330,790	331,330	325,320	318,140	318,410	315,230	12,650	12,920	10,090	3.8	3.9	3.1
Roanoke SMSA	114,020	114,340	110,310	107,990	107,710	105,640	6,030	6,630	4,670	5.3	5.8	4.2

[1] **All data adjusted to a place-of-residence basis**

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL 1/	2,135.9	2,124.1	2,120.2	11.8	15.7
MANUFACTURING	409.6	405.5	420.3	4.1	-10.7
Durable Goods	186.9	184.9	193.2	2.0	- 6.3
Lumber and Wood Products	23.3	23.0	25.2	.3	- 1.9
Millwork, Plywood and Structural Members	6.1	6.1	6.7	0	- .6
Wood Containers	1.9	1.9	1.9	0	0
Wood Buildings and Mobile Homes	3.3	3.3	3.6	0	- .3
Miscellaneous Wood Products	2.0	2.0	2.2	0	- .2
Furniture and Fixtures	25.5	25.3	26.8	.2	- 1.3
Household and Office Furniture	23.9	23.7	25.5	.2	- 1.6
Stone, Clay and Glass Products	12.7	12.4	13.6	.3	- .9
Structural Clay Products	.9	.9	1.0	0	- .1
Concrete Gypsum and Plaster Products	7.3	7.2	7.8	.1	- .5
Glass and Glass Products	1.7	1.6	1.7	.1	0
Primary Metal Industries	11.9	11.4	14.1	.5	- 2.2
Fabricated Metal Products	20.5	20.4	21.1	.1	- .6
Fabricated Structural Metal Products	12.9	12.9	13.4	0	- .5
Machinery, except Electrical	15.3	15.2	15.2	.1	.1
Construction and Related Machinery	4.6	4.6	4.8	0	- .2
Special Industry Machinery	2.4	2.4	2.6	0	- .2
Refrigeration and Service Machinery	2.0	1.9	2.0	.1	0
Electric and Electronic Equipment	33.1	33.1	33.6	0	- .5
Communication Equipment	11.3	11.3	11.3	0	0
Electronic Components and Accessories	5.2	5.2	5.4	0	- .2
Transportation Equipment	36.9	36.6	35.8	.3	1.1
Instruments and Related Products	4.1	4.0	3.8	.1	.3
Miscellaneous Manufacturing Industries	3.6	3.5	4.0	.1	- .4
Nondurable Goods	222.7	220.6	227.1	2.1	- 4.4
Food and Kindred Products	42.4	41.2	43.3	1.2	- .9
Meat Products	13.6	13.3	13.0	.3	.6
Dairy Products	2.7	2.6	2.5	.1	.2
Preserved Fruits and Vegetables	3.4	3.2	5.7	.2	- 2.3
Bakery Products	4.9	4.9	5.0	0	- .1
Beverages	5.8	5.8	5.7	0	.1
Tobacco Manufactures	17.1	16.5	17.4	.6	- .3
Cigarettes	13.7	13.7	13.7	0	0
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	3.0	2.4	3.3	.6	- .3
Textile Mill Products	44.3	44.5	44.8	- .2	- .5
Weaving Mills, Cotton, Synthetics and Wool	18.9	18.9	18.6	0	.3
Narrow Fabric Mills	1.1	1.1	1.3	0	- .2
Knitting Mills	13.8	13.9	13.1	- .1	.7
Textile Finishing, except Wool	4.7	4.7	5.3	0	- .6
Yarn and Thread Mills	3.1	3.0	3.4	.1	- .3
Miscellaneous Textile Goods	1.2	1.2	1.4	0	- .2
Apparel and Other Textile Products	34.4	33.6	35.0	.8	- .6
Men's and Boys' Suits, Coats and Furnishings	13.5	13.7	13.7	- .2	- .2
Women's and Children's Outerwear & Undergarments	17.2	16.2	17.4	1.0	- .2
Miscellaneous Fabricated Textile Products	1.6	1.6	1.8	0	- .2
Paper and Allied Products	14.4	14.4	14.6	0	- .2
Pulp, Paper and Paperboard	7.6	7.7	7.6	- .1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.0	6.0	6.2	0	- .2
Miscellaneous Converted Paper Products	2.4	2.4	2.7	0	- .3
Paperboard Containers and Boxes	3.6	3.6	3.5	0	.1
Printing and Publishing	21.9	22.0	21.0	- .1	.9
Newspapers and Periodicals	8.5	8.6	8.0	- .1	.5
Commercial Printing	8.2	8.2	8.0	0	.2
Chemicals and Allied Products	32.7	32.8	34.4	- .1	- 1.7
Industrial Inorganic Chemicals	.8	.8	.9	0	- .1
Plastics Materials and Synthetics	19.3	19.4	21.3	- .1	- 2.0
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.6	1.5	1.6	.1	0
Miscellaneous Chemical Products	3.3	3.3	3.1	0	.2
Petroleum, Rubber and Misc. Plastics Products	11.9	11.9	12.8	0	- .9
Miscellaneous Plastics Products	5.6	5.5	5.9	.1	- .3
Rubber and Rubber Products	6.0	6.0	6.6	0	- .6
Leather and Leather Products	3.6	3.7	3.8	- .1	- .2

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 4)

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONMANUFACTURING	1,726.3	1,718.6	1,699.9	7.7	26.4
Mining	24.0	23.9	23.5	.1	.5
Bituminous Coal and Lignite Mining	20.9	20.7	20.0	.2	.9
Construction	127.2	129.4	143.9	- 2.2	-16.7
Transportation and Public Utilities	115.3	115.5	115.4	- .2	- .1
Railroad Transportation	14.4	14.4	14.8	0	- .4
Trucking and Warehousing	29.6	29.6	30.2	0	- .6
Transportation by Air	10.9	11.0	11.7	- .1	- .8
Communication	29.4	29.3	27.6	.1	1.8
Electric, Gas and Sanitary Services	16.7	16.6	15.7	.1	1.0
Wholesale and Retail Trade	451.6	451.2	440.6	.4	11.0
Wholesale	105.4	105.3	102.9	.1	2.5
Wholesale Trade Durable Goods	63.8	64.1	63.7	- .3	.1
Wholesale Trade Nondurable Goods	41.6	41.2	39.2	.4	2.4
Retail	346.2	345.9	337.7	.3	8.5
General Merchandise Stores	54.9	54.5	55.4	.4	- .5
Department Stores	40.4	40.3	42.5	.1	- 2.1
Variety Stores	9.0	8.9	8.6	.1	.4
Food Stores	54.9	54.8	51.0	.1	3.9
Automotive Dealers and Service Stations	46.8	46.8	48.2	0	- 1.4
Furniture and Home Furnishings Stores	15.3	15.6	15.9	- .3	- .6
Miscellaneous Retail	43.8	43.2	42.4	.6	1.4
Finance, Insurance and Real Estate	106.1	106.6	105.2	- .5	.9
Banking	31.0	31.3	30.5	- .3	.5
Insurance Carriers	19.9	19.8	19.5	.1	.4
Real Estate	23.5	23.7	24.9	- .2	- 1.4
Services	392.1	395.2	377.5	- 3.1	14.6
Personal Services	24.4	24.4	23.6	0	.8
Business Services	76.9	76.6	73.2	.3	3.7
Auto and Miscellaneous Repair Service	18.6	18.6	18.2	0	.4
Health Services	102.1	102.1	97.9	0	4.2
Government	510.0	496.8	493.8	13.2	16.2
Federal Government	153.3	156.0	152.2	- 2.7	1.1
State and Local Government	356.7	340.8	341.6	15.9	15.1
State Government	118.4	115.6	117.7	2.8	.7
Local Government	238.3	225.2	223.9	13.1	14.4

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1979

JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average:									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.5	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,013.5	409.4	20.5	130.2	107.6	428.1	97.3	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1976:									
January	1,778.8	378.2	21.1	100.5	102.6	370.4	82.6	295.6	427.8
February	1,782.6	380.2	21.0	100.9	102.6	366.2	82.6	298.9	430.2
March	1,796.6	382.0	21.1	104.1	102.8	369.5	83.1	301.6	432.4
April	1,826.1	384.7	21.6	111.0	104.2	377.8	85.0	309.9	431.9
May	1,843.2	384.2	21.7	114.5	105.6	383.7	86.0	313.6	433.9
June	1,870.9	388.7	22.1	117.1	108.6	387.7	88.1	321.9	436.7
July	1,870.6	386.8	22.0	119.2	107.9	390.3	89.0	321.9	433.5
August	1,874.6	390.7	21.8	119.5	108.1	391.1	89.0	321.8	432.6
September	1,878.1	393.4	22.1	116.4	107.3	393.6	87.9	318.7	438.7
October	1,878.9	393.7	22.1	115.1	105.3	396.0	87.2	319.5	440.0
November	1,884.1	396.2	22.1	113.4	104.9	402.1	87.2	315.3	442.9
December	1,893.1	395.5	22.2	109.8	106.4	411.8	87.8	314.9	444.7
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	401.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2.092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,135.9	409.6	24.0	127.2	115.3	451.6	106.1	392.1	510.0
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL 1/	893.5	883.5	874.9	10.0	18.6
MANUFACTURING	144.5	142.8	147.6	1.7	- 3.1
Durable Goods	44.4	44.1	45.8	.3	- 1.4
Lumber and Wood Products	4.1	4.1	4.5	0	- .4
Furniture and Fixtures	8.6	8.6	8.9	0	- .3
Stone, Clay and Glass Products	1.3	1.3	1.5	0	- .2
Primary Metal Industries	2.0	2.0	2.2	0	- .2
Fabricated Metal Products	3.4	3.4	3.6	0	- .2
Machinery, except Electrical	2.4	2.4	2.3	0	.1
Electric and Electronic Equipment	14.8	14.8	15.2	0	- .4
Transportation Equipment	4.9	4.8	4.8	.1	.1
Instruments and Related Products	1.7	1.6	1.5	.1	.2
Miscellaneous Manufacturing Industries	1.2	1.1	1.3	.1	- .1
Nondurable Goods	100.1	98.7	101.8	1.4	- 1.7
Food and Kindred Products	15.5	14.7	15.6	.8	- .1
Tobacco Manufactures	5.7	5.5	5.9	.2	- .2
Textile Mill Products	24.4	24.4	24.3	0	.1
Apparel and Other Textile Products	30.7	30.1	31.4	.6	- .7
Paper and Allied Products	2.5	2.5	2.4	0	.1
Printing and Publishing	7.7	7.7	7.5	0	.2
Chemicals and Allied Products	8.3	8.4	8.9	- .1	- .6
Petroleum, Rubber and Misc. Plastics Products	2.6	2.6	2.9	0	- .3
Leather and Leather Products	2.7	2.8	2.9	- .1	- .2
NONMANUFACTURING	749.0	740.7	727.3	8.3	21.7
Mining	.6	.6	.5	0	.1
Construction	7.7	7.8	8.4	- .1	- .7
Transportation and Public Utilities	28.4	28.4	27.6	0	.8
Wholesale and Retail Trade	186.7	186.5	182.5	.2	4.2
Wholesale Trade	20.6	20.6	20.2	0	.4
Retail Trade	166.1	165.9	162.3	.2	3.8
Finance, Insurance and Real Estate	60.5	60.9	59.3	- .4	1.2
Services	216.6	218.6	210.1	- 2.0	6.5
Government	248.5	237.9	238.9	10.6	9.6
Federal Government	54.7	55.5	52.8	- .8	1.9
State and Local Government	193.8	182.4	186.1	11.4	7.7

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
MANUFACTURING	313.5	309.4	325.1	4.1	-11.6
Durable Goods	140.7	138.9	147.1	1.8	- 6.4
Lumber and Wood Products	19.7	19.5	21.5	.2	- 1.8
Millwork, Plywood and Structural Members	5.0	5.0	5.6	0	- .6
Wood Containers	1.7	1.6	1.8	.1	- .1
Wood Buildings and Mobile Homes	2.4	2.5	2.6	- .1	- .2
Miscellaneous Wood Products	1.8	1.8	1.9	0	- .1
Furniture and Fixtures	21.6	21.3	22.4	.3	- .8
Household and Office Furniture	20.4	20.2	21.5	.2	- 1.1
Stone, Clay and Glass Products	10.0	9.7	11.0	.3	- 1.0
Structural Clay Products	.8	.8	.9	0	- .1
Concrete Gypsum and Plaster Products	5.7	5.7	6.3	0	- .6
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	6.4	6.0	8.3	.4	- 1.9
Fabricated Metal Products	13.3	13.2	13.9	.1	- .6
Fabricated Structural Metal Products	7.5	7.5	8.0	0	- .5
Machinery, except Electrical	10.7	10.6	10.7	.1	0
Construction and Related Machinery	2.8	2.8	3.1	0	- .3
Special Industry Machinery	1.5	1.5	1.6	0	- .1
Refrigeration and Service Machinery	1.3	1.2	1.3	.1	0
Electric and Electronic Equipment	22.2	22.3	22.9	- .1	- .7
Communication Equipment	7.0	7.0	7.1	0	- .1
Electronic Components and Accessories	3.3	3.3	3.5	0	- .2
Transportation Equipment	31.6	31.3	30.9	.3	.7
Instruments and Related Products	2.4	2.4	2.3	0	.1
Miscellaneous Manufacturing Industries	2.8	2.6	3.2	.2	- .4
Nondurable Goods	172.8	170.5	178.0	2.3	- 5.2
Food and Kindred Products	31.0	29.7	32.2	1.3	- 1.2
Meat Products	11.7	11.4	11.4	.3	.3
Dairy Products	1.3	1.3	1.2	0	.1
Preserved Fruits and Vegetables	2.7	2.5	5.0	.2	- 2.3
Bakery Products	2.5	2.5	2.5	0	0
Beverages	2.4	2.4	2.1	0	.3
Tobacco Manufactures	12.7	12.2	13.1	.5	- .4
Cigarettes	10.1	10.2	10.2	- .1	- .1
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	2.3	1.7	2.6	.6	- .3
Textile Mill Products	39.6	39.8	40.1	- .2	- .5
Weaving Mills, Cotton, Synthetics and Wool	16.5	16.6	16.3	- .1	.2
Narrow Fabric Mills	1.0	1.0	1.2	0	- .2
Knitting Mills	12.7	12.8	11.9	- .1	.8
Textile Finishing, except Wool	4.3	4.3	5.0	0	- .7
Yarn and Thread Mills	2.7	2.7	3.1	0	- .4
Miscellaneous Textile Goods	1.1	1.1	1.2	0	- .1
Apparel and Other Textile Products	31.3	30.4	31.7	.9	- .4
Men's and Boys' Suits, Coats and Furnishings	12.4	12.6	12.4	- .2	0
Women's and Children's Outerwear & Undergarments	15.8	14.7	16.0	1.1	- .2
Miscellaneous Fabricated Textile Products	1.2	1.2	1.4	0	- .2
Paper and Allied Products	10.9	10.9	11.1	0	- .2
Pulp, Paper and Paperboard	5.4	5.4	5.5	0	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	4.9	5.1	.1	- .1
Miscellaneous Converted Paper Products	2.1	2.0	2.3	.1	- .2
Paperboard Containers and Boxes	2.9	2.9	2.8	0	.1
Printing and Publishing	12.8	12.8	12.7	0	.1
Newspapers and Periodicals	2.9	3.0	2.9	- .1	0
Commercial Printing	6.3	6.4	6.2	- .1	.1
Chemicals and Allied Products	22.2	22.3	23.7	- .1	- 1.5
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	14.1	14.2	15.7	- .1	- 1.6
Drugs	1.2	1.3	1.2	- .1	0
Agricultural Chemicals	.9	.9	1.0	0	- .1
Miscellaneous Chemical Products	2.2	2.2	2.0	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.0	9.0	10.0	0	- 1.0
Miscellaneous Plastics Products	4.1	4.0	4.4	.1	- .3
Rubber and Rubber Products	4.7	4.7	5.3	0	- .6
Leather and Leather Products	3.3	3.4	3.4	- .1	- .1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	28.2	28.1	28.7	.1	- .5
MANUFACTURING	9.3	9.3	9.9	0	- .6
Durable Goods	4.6	4.6	5.4	0	- .8
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.5	0	- .2
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.1	2.4	0	- .3
Other Durable Goods 1/	1.9	1.9	2.2	0	- .3
Nondurable Goods	4.7	4.7	4.5	0	.2
Food and Kindred Products	1.6	1.6	1.6	0	0
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.0	2.0	1.8	0	.2
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	18.9	18.8	18.8	.1	.1
Construction	1.3	1.4	1.5	- .1	- .2
Transportation & Public Utilities	1.1	1.1	1.1	0	0
Trade	6.6	6.6	6.8	0	- .2
Wholesale Trade	1.7	1.7	1.8	0	- .1
Retail Trade	4.9	4.9	5.0	0	- .1
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.7	3.8	3.6	- .1	.1
Government	5.2	4.9	4.8	.3	.4
State and Local Government	4.9	4.5	4.5	.4	.4

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	72.1	71.1	73.5	1.0	-1.4
MANUFACTURING	28.9	28.6	30.1	.3	-1.2
Durable Goods	18.4	18.4	20.0	0	-1.6
Lumber and Wood Products and Furniture and Fixtures	4.0	4.0	4.3	0	- .3
Other Durable Goods 1/	14.4	14.4	15.7	0	-1.3
Nondurable Goods	10.5	10.2	10.1	.3	.4
Food and Kindred Products	1.6	1.7	1.3	- .1	.3
Textile Mill Products	1.7	1.6	1.8	.1	- .1
Apparel & Other Textile Products	2.6	2.3	2.4	.3	.2
Paper and Allied Products	1.0	1.0	.9	0	.1
Other Nondurable Goods 2/	3.6	3.6	3.7	0	- .1
NONMANUFACTURING	43.2	42.5	43.4	.7	- .2
Construction	3.9	4.1	3.8	- .2	.1
Transportation and Public Utilities	2.8	2.8	2.8	0	0
Wholesale and Retail Trade	11.6	11.6	12.2	0	- .6
Wholesale Trade	2.1	2.2	2.1	- .1	0
Retail Trade	9.5	9.4	10.1	.1	- .6
Finance, Insurance and Real Estate	3.7	3.7	3.5	0	.2
Services and Mining	11.1	10.7	10.9	.4	.2
Government	10.1	9.6	10.2	.5	- .1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	155.1	155.3	148.6	- .2	6.5
MANUFACTURING	35.3	34.8	33.3	.5	2.0
Durable Goods	28.8	28.3	26.9	.5	1.9
Stone, Clay & Glass Products	.6	.6	.3	0	.3
Transportation Equipment	24.6	24.2	22.3	.4	2.3
Other Durable Goods 1/	3.6	3.5	4.3	.1	- .7
Nondurable Goods	6.5	6.5	6.4	0	.1
Food & Kindred Products	3.0	3.0	2.7	0	.3
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.8	0	- .2
Printing and Publishing	1.1	1.1	1.1	0	0
Other Nondurable Goods 2/	1.8	1.8	1.8	0	0
NONMANUFACTURING	119.8	120.5	115.3	- .7	4.5
Construction	7.2	7.4	7.9	- .2	- .7
Transportation and Public Utilities	5.1	5.3	5.2	- .2	- .1
Wholesale and Retail Trade	29.5	29.4	28.6	.1	.9
Wholesale Trade	3.3	3.4	3.4	- .1	- .1
Retail Trade	26.2	26.0	25.2	.2	1.0
Finance, Insurance and Real Estate	5.2	5.3	5.2	- .1	0
Services and Mining	29.5	30.7	27.2	- 1.2	2.3
Government	43.3	42.4	41.2	.9	2.1
Federal Government	17.0	17.1	16.9	- .1	.1
State and Local Government	26.3	25.3	24.3	1.0	2.0

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	285.4	284.0	289.1	1.4	-3.7
MANUFACTURING	29.7	29.2	30.3	.5	-1.1
Durable Goods	17.5	17.1	18.2	.4	- .7
Lumber & Wood Products	1.6	1.6	1.8	0	- .2
Stone, Clay and Glass Products	1.7	1.7	1.7	0	0
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.2	1.2	1.1	0	.1
Transportation Equipment	7.6	7.2	8.0	.4	- .4
Other Durable Goods 1/	4.4	4.4	4.6	0	- .2
Nondurable Goods	12.2	12.1	12.6	.1	- .4
Food and Kindred Products	6.0	6.0	6.4	0	- .4
Apparel & Other Textile Products	.9	.9	1.0	0	- .1
Printing and Publishing	2.5	2.5	2.2	0	.3
Chemicals and Allied Products	1.3	1.3	1.5	0	- .2
Agricultural Chemicals	.6	.6	.7	0	- .1
Other Nondurable Goods 2/	1.5	1.4	1.5	.1	0
NONMANUFACTURING	255.7	254.8	258.3	.9	-2.6
Construction	16.1	16.4	18.8	- .3	-2.7
Transportation & Public Utilities	19.0	19.3	19.3	- .3	- .3
Railroads	1.5	1.5	1.6	0	- .1
Wholesale and Retail Trade	68.6	69.5	70.0	- .9	-1.4
Wholesale Trade	14.4	14.4	14.7	0	- .3
Retail Trade	54.2	55.1	55.3	- .9	-1.1
Finance, Insurance & Real Estate	14.7	14.8	14.8	- .1	- .1
Banking	4.4	4.4	4.2	0	.2
Insurance Carriers and Agents	3.0	3.1	3.2	- .1	- .2
Services and Mining	56.1	55.9	54.8	.2	1.3
Personal Services	4.0	4.2	4.1	- .2	- .1
Government	81.2	78.9	80.6	2.3	.6
Federal Government	36.1	36.5	36.1	- .4	0
State & Local Government	45.1	42.4	44.5	2.7	.6

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	432.3	433.9	428.4	-1.6	3.9
MANUFACTURING	17.1	17.0	16.7	.1	.4
Durable Goods	10.1	10.1	10.1	0	0
Stone, Clay and Glass Products	1.1	1.1	1.2	0	- .1
Fabricated Metal Products	1.1	1.1	1.1	0	0
Machinery, except Electrical	.6	.6	.7	0	- .1
Electric and Electronic Equipment	5.3	5.3	5.0	0	.3
Other Durable Goods 1/	2.0	2.0	2.1	0	- .1
Nondurable Goods	7.0	6.9	6.6	.1	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.5	4.5	4.3	0	.2
Other Nondurable Goods 2/	1.4	1.3	1.2	.1	.2
NONMANUFACTURING	415.2	416.9	411.7	-1.7	3.5
Mining	.4	.4	.4	0	0
Construction	28.0	28.1	32.3	- .1	-4.3
Transportation & Public Utilities	29.4	29.5	29.2	- .1	.2
Transportation By Air	8.6	8.6	9.2	0	- .6
Electric, Gas & Sanitary Service	3.5	3.5	3.3	0	.2
Wholesale and Retail Trade	97.8	98.4	97.7	- .6	.1
Wholesale Trade	18.1	18.4	18.3	- .3	- .2
Retail Trade	79.7	80.0	79.4	- .3	.3
General Merchandise Stores	11.9	11.9	12.8	0	- .9
Food Stores	9.2	9.2	9.0	0	.2
Auto. Dealers & Service Stations	12.1	12.2	12.3	- .1	- .2
Apparel & Accessory Stores	5.3	5.4	4.8	- .1	.5
Eating & Drinking Places	23.2	23.4	22.8	- .2	.4
Finance, Insurance & Real Estate	27.3	27.6	27.3	- .3	0
Banking	6.0	6.0	5.8	0	.2
Services	113.3	114.7	108.4	-1.4	4.9
Business Services	40.1	40.2	38.2	- .1	1.9
Government	119.0	118.2	116.4	.8	2.6
Federal Government	67.1	67.5	66.2	- .4	.9
State and Local Government	51.9	50.7	50.2	1.2	1.7

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	47.6	48.0	46.3	- .4	1.3
MANUFACTURING	11.7	11.7	11.9	0	- .2
Durable Goods	2.8	2.7	2.5	.1	.3
Lumber and Wood Products and Furniture & Fixtures	.6	.5	.4	.1	.2
Stone, Clay and Glass Products	.2	.2	.3	0	- .1
Fabricated Metal Products	.2	.2	.2	0	0
Other Durable Goods 1/	1.8	1.8	1.6	0	.2
Nondurable Goods	8.9	9.0	9.4	- .1	- .5
Food and Kindred Products	.3	.3	.4	0	- .1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.0	0	.1
Chemicals and Allied Products	3.4	3.5	3.8	- .1	- .4
Other Nondurable Goods 2/	4.1	4.1	4.2	0	- .1
NONMANUFACTURING	35.9	36.3	34.4	- .4	1.5
Construction	3.1	3.4	2.2	- .3	.9
Transportation and Public Utilities	1.5	1.5	1.5	0	0
Wholesale and Retail Trade	8.0	8.0	8.4	0	- .4
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	6.8	6.8	7.2	0	- .4
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.4	6.4	5.8	0	.6
Government	15.6	15.7	15.2	- .1	.4
Federal Government	5.3	5.5	5.4	- .2	- .1
State and Local Government	10.3	10.2	9.8	.1	.5

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	326.1	323.2	328.2	2.9	- 2.1
MANUFACTURING	55.2	55.3	56.0	- .1	- .8
Durable Goods	17.8	17.8	18.1	0	- .3
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.3	2.1	2.2	.2	.1
Stone, Clay & Glass Products	1.3	1.3	1.3	0	0
Fabricated Metal Products	2.5	2.6	2.5	- .1	0
Fabricated Structural Metal Products	1.7	1.8	2.0	- .1	- .3
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.2	8.3	8.4	- .1	- .2
Nondurable Goods	37.4	37.5	37.9	- .1	- .5
Food & Kindred Products	4.2	4.2	4.4	0	- .2
Bakery Products	1.8	1.8	1.9	0	- .1
Tobacco Manufactures	12.0	[illegible].0	12.2	0	- .2
Cigarettes	11.1	11.2	11.0	- .1	.1
Tobacco Stemming & Redrying	.5	.5	.8	0	- .3
Apparel & Other Textile Products	2.2	2.2	2.5	0	- .3
Paper & Allied Products	4.1	4.2	4.1	- .1	0
Printing and Publishing	5.2	5.2	5.0	0	.2
Commercial Printing	2.9	2.9	2.8	0	.1
Chemicals & Allied Products	7.7	7.7	7.8	0	- .1
Other Nondurable Goods 2/	2.0	2.0	1.9	0	.1
NONMANUFACTURING	270.9	267.9	272.2	3.0	- 1.3
Mining	.4	.4	.4	0	0
Construction	17.0	17.3	19.6	- .3	- 2.6
Transportation & Public Utilities	19.8	19.9	19.6	- .1	.2
Wholesale & Retail Trade	72.7	72.8	73.8	- .1	- 1.1
Wholesale Trade	22.0	22.1	22.0	- .1	0
Retail Trade	50.7	50.7	51.8	0	- 1.1
General Merchandise Stores	10.2	10.2	11.0	0	- .8
Food Stores	7.3	7.3	7.1	0	.2
Auto Dealers & Service Stations	5.6	5.6	6.1	0	- .5
Finance, Insurance & Real Estate	26.7	26.9	27.2	- .2	- .5
Insurance Carriers	10.4	10.4	10.3	0	.1
Services	59.9	59.9	58.2	0	1.7
Government	74.4	70.7	73.4	3.7	1.0
Federal Government	8.0	8.0	8.1	0	- .1
State & Local Government	66.4	62.7	65.3	3.7	1.1

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	105.2	105.7	105.2	- .5	0
MANUFACTURING	20.8	20.9	20.8	- .1	0
Durable Goods	12.2	12.2	12.0	0	.2
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.[illegible]	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.3	1.3	1.3	0	0
Machinery, except Electrical	1.7	1.7	1.6	0	.1
Other Durable Goods 1/	6.6	6.6	6.4	0	.2
Nondurable Goods	8.6	8.7	8.8	- .1	- .2
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.8	1.8	1.8	0	0
Apparel & Other Textile Products	1.5	1.5	1.7	0	- .2
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.5	2.6	2.5	- .1	0
NONMANUFACTURING	84.4	84.8	84.4	- .4	0
Mining	.1	.1	.1	0	0
Construction	6.6	6.8	6.6	- .2	0
Transportation & Public Utilities	9.8	9.8	10.2	0	- .4
Wholesale & Retail Trade	25.7	25.7	26.1	0	- .4
Wholesale Trade	7.2	7.3	7.4	- .1	- .2
Retail Trade	18.5	18.4	18.7	.1	- .2
Finance, Insurance & Real Estate	6.3	6.3	6.0	0	.3
Services	19.4	19.6	19.9	- .2	- .5
Government	16.4	16.5	15.5	- .1	.9
Federal Government	3.1	3.2	3.1	- .1	0
State & Local Government	13.3	13.3	12.4	0	.9

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$249.80	$247.74	$227.60	39.4	39.2	40.0	$6.34	$6.32	$5.69
Durable Goods	257.84	253.44	237.05	40.1	39.6	40.8	6.43	6.40	5.81
Lumber and Wood Products	185.57	182.10	165.56	38.5	38.5	37.8	4.82	4.73	4.38
Furniture and Fixtures	163.81	157.54	163.21	37.4	36.3	40.1	4.38	4.34	4.07
Household and Office Furniture	162.50	156.24	162.40	37.1	36.0	40.0	4.38	4.34	4.06
Stone, Clay and Glass Products	233.16	233.74	220.01	40.2	40.3	41.2	5.80	5.80	5.34
Structural Clay Products	204.93	210.31	198.37	40.5	41.4	41.5	5.06	5.08	4.78
Glass and Glass Products	238.18	241.55	229.86	39.5	38.1	40.9	6.03	6.34	5.62
Primary Metal Industries	328.60	320.64	283.08	39.4	38.4	39.1	8.34	8.35	7.24
Fabricated Metal Products	1)316.17	1)305.21	298.58	42.1	41.3	42.9	1)7.51	1)7.39	6.96
Fabricated Structural Metal Products	1)323.69	1)298.35	297.92	44.1	42.2	44.8	1)7.34	1)7.07	6.65
Machinery, except Electrical	277.57	265.72	251.31	41.0	40.2	40.6	6.77	6.61	6.19
Construction and Related Machinery	274.68	258.34	262.29	40.1	38.5	41.9	6.85	6.71	6.26
Special Industry Machinery	285.34	277.83	268.96	38.3	37.8	41.0	7.45	7.35	6.56
Refrigeration and Service Machinery	263.86	284.32	236.95	40.1	42.5	39.1	6.58	6.69	6.06
Electric and Electronic Equipment	252.20	249.72	234.77	38.8	38.3	40.2	6.50	6.52	5.84
Communication Equipment	253.93	250.02	256.00	37.9	36.5	40.0	6.70	6.85	6.40
Instruments and Related Products	218.53	212.40	205.92	41.0	39.7	39.6	5.33	5.35	5.20
Miscellaneous Manufacturing Industries	201.70	198.81	190.88	37.7	37.3	38.1	5.35	5.33	5.01
Nondurable Goods	243.90	244.14	221.92	38.9	39.0	39.7	6.27	6.26	5.59
Food and Kindred Products	222.00	225.79	196.22	37.5	38.4	38.4	5.92	5.88	5.11
Tobacco Manufactures	354.24	360.43	257.03	38.8	38.1	36.1	9.13	9.46	7.12
Cigarettes	389.76	392.42	280.50	38.4	38.7	36.1	10.15	10.14	7.77
Textile Mill Products	209.58	202.81	203.94	41.5	40.4	42.4	5.05	5.02	4.81
Weaving Mills, Cotton, Synthetics and Wool	230.30	224.60	228.07	43.7	42.7	44.2	5.27	5.26	5.16
Knitting Mills	183.53	182.91	166.41	39.3	39.0	38.7	4.67	4.69	4.30
Yarn and Thread Mills	183.02	169.38	168.42	41.5	39.3	42.0	4.41	4.31	4.01
Miscellaneous Textile Goods	210.52	213.86	203.58	40.1	40.2	43.5	5.25	5.32	4.68
Apparel and Other Textile Products	144.82	148.63	138.65	34.4	35.9	36.2	4.21	4.14	3.83
Men's and Boys' Suits, Coats and Furnishings	156.82	156.56	141.12	36.3	37.1	36.0	4.32	4.22	3.92
Women's and Children's Outerwear & Undergarments	131.77	140.35	131.72	31.6	34.4	35.6	4.17	4.08	3.70
Paper and Allied Products	334.90	325.62	307.73	42.5	41.8	43.1	7.88	7.79	7.14
Pulp, Paper and Paperboard	402.52	389.27	359.79	43.8	43.3	43.4	9.19	8.99	8.29
Misc. Converted Paper and Paperboard Products, Containers and Boxes	272.12	265.85	250.32	41.8	40.9	42.5	6.51	6.50	5.89
Printing and Publishing	282.37	288.03	294.82	37.8	38.2	41.7	7.47	7.54	7.07
Newspapers and Periodicals	265.28	265.32	240.12	35.8	36.0	34.7	7.41	7.37	6.92
Chemical and Allied Products	319.59	317.20	297.05	40.2	39.6	41.2	7.95	8.01	7.21
Plastic Materials and Synthetics	325.18	320.88	303.05	39.9	38.8	41.4	8.15	8.27	7.32
Agricultural Chemicals	218.50	235.30	190.30	38.2	40.5	39.4	5.72	5.81	4.83
Leather and Leather Products	142.40	132.86	134.64	38.8	36.4	38.8	3.67	3.65	3.47

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	1) $206.07	1) $207.76	$207.93	35.9	37.3	37.6	1) $5.74	1) $5.57	$5.53
Durable Goods	1) 263.60	1) 254.13	250.73	40.0	39.4	39.3	1) 6.59	1) 6.45	6.38
Fabricated Metal Products	1) 342.63	1) 325.31	345.31	40.5	39.1	39.6	1) 8.46	1) 8.32	8.72
Machinery and Transportation Equipment	250.11	246.64	224.87	40.7	40.5	39.8	6.16	6.09	5.65
Nondurable Goods	145.22	159.70	152.01	31.5	35.1	35.6	4.61	4.55	4.27
Food and Kindred Products	186.32	185.92	180.00	34.0	33.5	36.0	5.48	5.55	5.00
Apparel and Other Textile Products	111.00	140.26	120.85	28.1	35.6	33.2	3.95	3.94	3.64

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,900 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$243.36	$234.84	$241.16	39.0	38.0	40.6	$6.24	$6.18	$5.94
Durable Goods	255.42	239.02	249.70	38.7	37.0	40.8	6.60	6.46	6.12
Lumber and Wood Products and Furniture and Fixtures	166.28	163.54	155.52	37.2	37.0	38.4	4.47	4.42	4.05
Nondurable Goods	225.76	227.52	221.49	39.4	39.5	41.4	5.73	5.76	5.35
Food and Kindred Products	222.87	224.19	233.26	39.1	39.4	43.6	5.70	5.69	5.35
Textile Mill Products	224.56	211.31	225.07	40.1	37.6	43.2	5.60	5.62	5.21
Apparel and Other Textile Products	124.64	127.01	113.70	32.8	33.6	32.3	3.80	3.78	3.52
Paper and Allied Products	357.21	391.50	340.70	50.1	54.3	50.4	7.13	7.21	6.76

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$280.01	$268.30	$260.20	41.3	40.9	41.5	$6.78	$6.56	$6.27
Durable Goods	305.83	284.82	279.64	42.3	41.1	41.8	7.23	6.93	6.69
Lumber and Wood Products	211.07	206.19	204.36	39.9	39.2	39.0	5.29	5.26	5.24
Stone, Clay, and Glass Products	265.44	239.80	244.08	42.0	39.9	43.9	6.32	6.01	5.56
Fabricated Metal Products	234.54	246.28	217.30	42.8	43.9	41.0	5.48	5.61	5.30
Machinery, except Electrical	245.60	238.78	208.03	42.2	41.6	39.4	5.82	5.74	5.28
Transportation Equipment	379.65	341.74	342.34	44.3	42.4	43.5	8.57	8.06	7.87
Nondurable Goods	234.43	239.36	222.50	39.6	40.5	40.9	5.92	5.91	5.44
Food and Kindred Products	224.37	228.65	211.08	40.5	41.8	42.3	5.54	5.47	4.99
Apparel and Other Textile Products	156.14	155.06	140.54	37.0	36.4	36.6	4.22	4.26	3.84
Chemicals and Allied Products	264.65	274.17	214.62	38.3	39.0	38.6	6.91	7.03	5.56

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,900 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$280.76	$283.29	$257.60	39.6	39.9	40.0	$7.09	$7.10	$6.44
Durable Goods	274.29	277.01	254.00	41.0	41.1	41.1	6.69	6.74	6.18
Stone, Clay, and Glass Products	213.55	228.89	211.92	37.4	39.6	39.1	5.71	5.78	5.42
Fabricated Metal Products	311.08	271.62	291.94	44.0	40.3	44.1	7.07	6.74	6.62
Electric and Electronic Equipment	297.30	315.48	274.68	42.9	44.0	42.0	6.93	7.17	6.54
Nondurable Goods	290.65	292.61	260.37	37.6	38.1	37.9	7.73	7.68	6.87
Food and Kindred Products	299.63	299.71	286.97	41.5	41.0	44.7	7.22	7.31	6.42

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$302.64	$298.35	$267.52	39.0	39.0	38.0	$7.76	$7.65	$7.04
Durable Goods	181.63	176.15	165.07	38.4	37.8	38.3	4.73	4.66	4.31
Lumber and Wood Products and Furniture and Fixtures	132.61	159.40	150.10	31.8	35.9	38.0	4.17	4.44	3.95
Nondurable Goods	335.94	335.69	295.67	39.2	39.4	38.2	8.57	8.52	7.74
Food & Kindred Products	212.94	213.01	183.43	39.0	39.3	41.5	5.46	5.42	4.42
Chemicals & Allied Products	382.12	374.74	354.24	41.4	41.0	41.0	9.23	9.14	8.64

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,200 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$324.01	$315.17	$279.20	40.4	39.2	40.0	$8.02	$8.04	$6.98
Durable Goods	308.61	298.26	287.73	40.5	39.4	41.7	7.62	7.57	6.90
Lumber and Wood Products	180.65	182.40	181.37	38.6	40.0	39.6	4.68	4.56	4.58
Furniture and Fixtures	179.52	162.26	181.89	40.8	36.3	39.8	4.40	4.47	4.57
Primary Metal Industries	558.48	542.07	418.55	44.5	43.4	41.4	12.55	12.49	10.11
Fabricated Metal Products	410.87	363.49	363.78	40.6	39.9	43.0	10.12	9.11	8.46
Fabricated Structural Metal Products	478.74	397.10	394.55	41.2	39.2	42.7	11.62	10.13	9.24
Nondurable Goods	333.68	322.18	275.89	40.3	39.1	39.3	8.28	8.24	7.02
Food and Kindred Products	1) 234.18	1) 230.10	230.96	38.9	39.2	37.8	1) 6.02	1) 5.87	6.11
Tobacco Manufactures	391.16	386.72	269.74	38.5	38.1	36.7	10.16	10.15	7.35
Cigarettes	396.29	391.17	273.34	38.7	38.2	36.3	10.24	10.24	7.53
Apparel and Other Textile Products	169.24	160.86	156.02	40.2	38.3	39.3	4.21	4.20	3.97
Paper and Allied Products	312.04	292.44	260.34	43.1	40.9	40.3	7.24	7.15	6.46
Printing and Publishing	302.94	311.85	332.54	37.4	37.8	42.2	8.10	8.25	7.88
Chemicals and Allied Products	386.26	346.66	317.42	43.4	39.8	40.8	8.90	8.71	7.78

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 36,800 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1/ Not comparable with data for prior years.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$240.39	$232.26	$214.13	39.8	39.3	40.1	$6.04	$5.91	$5.34
Durable Goods	245.43	231.66	220.55	40.5	39.0	40.1	6.06	5.94	5.50
Fabricated Metal Products	225.74	225.33	221.18	40.6	40.6	43.2	5.56	5.55	5.12
Fabricated Structural Metal Products	230.85	230.93	220.85	40.5	40.8	42.8	5.70	5.66	5.16
Nondurable Goods	233.79	232.06	206.11	38.9	39.6	40.1	6.01	5.86	5.14
Food and Kindred Products	264.02	241.23	229.27	46.4	44.1	46.6	5.69	5.47	4.92
Textile Mill Products	171.22	186.76	184.50	36.9	40.6	41.0	4.64	4.60	4.50

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
Virginia	$249.80	$247.74	$227.60	$199.10	$197.66	$185.57	$217.55	$215.99	$202.86
Bristol Area	1) 206.07	1) 207.76	207.93	1) 167.91	1) 169.14	169.27	1) 184.05	1) 185.36	185.50
Lynchburg SMSA	243.36	234.84	241.16	194.60	188.64	193.06	212.66	206.20	211.00
Norfolk-Virginia Beach-Portsmouth SMSA	280.01	268.30	260.20	219.94	212.00	206.36	240.07	231.59	225.44
Northern Virginia Area	280.76	283.29	257.60	220.45	222.17	204.54	241.04	242.96	223.47
Petersburg-Colonial Heights-Hopewell SMSA	302.64	298.35	267.52	235.30	232.39	211.47	257.64	254.37	231.00
Richmond SMSA	324.01	315.17	279.20	249.15	243.51	219.39	273.32	266.87	218.28
Roanoke SMSA	240.39	232.26	214.13	192.52	186.84	173.79	210.41	204.25	190.32

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	September 1980 2/	August 1980	September 1979	August 1979
NONAGRICULTURAL	2,118.9	2,105.2	2,103.1	2,095.9
MANUFACTURING	405.1	402.7	415.6	413.6
Durable Goods	186.2	183.8	192.3	191.8
Lumber & Wood Products	23.1	22.4	25.0	25.0
Furniture and Fixtures	25.8	25.7	27.0	27.2
Stone, Clay and Glass Products	12.5	12.1	13.4	13.4
Primary Metal Industries	11.7	11.2	13.9	13.9
Fabricated Metal Products	20.3	20.2	20.9	20.9
Machinery, except Electrical	15.2	15.2	15.2	14.7
Electric and Electronic Equipment	33.0	33.0	33.4	33.4
Transportation Equipment	36.6	36.2	35.6	35.6
Instruments and Related Products	4.1	4.0	3.8	3.7
Nondurable Goods	219.0	219.1	223.4	221.8
Food and Kindred Products	40.5	40.6	41.4	40.3
Tobacco Manufactures	16.1	16.2	16.3	16.2
Textile Mill Products	44.0	44.5	44.5	44.3
Apparel and Other Textile Products	34.0	33.3	34.6	34.4
Paper and Allied Products	14.4	14.3	14.6	14.4
Printing and Publishing	21.9	22.0	21.0	21.1
Chemicals and Allied Products	32.7	32.5	34.4	34.5
Leather and Leather Products	3.6	3.6	3.8	3.7
MINING	23.1	23.0	22.6	23.5
Bituminous Coal and Lignite Mining	20.0	19.9	19.1	20.0
CONTRACT CONSTRUCTION	121.1	119.9	137.0	137.2
TRANSPORTATION & PUBLIC UTILITIES	115.1	114.8	115.1	114.8
Railroad Transportation	14.8	15.0	15.2	15.3
Trucking and Warehousing	29.0	28.8	29.6	29.4
Transportation by Air	10.8	10.9	11.6	11.5
Communication	29.4	29.1	27.6	27.6
Electric, Gas and Sanitary Services	16.8	16.5	15.7	15.8
WHOLESALE AND RETAIL TRADE	449.4	449.0	438.2	437.5
Wholesale Trade	105.2	105.1	102.7	102.2
Retail Trade	344.5	343.8	335.9	335.4
General Merchandise Stores	55.6	56.4	56.1	56.5
Food Stores	54.8	54.5	50.9	50.7
FINANCE, INSURANCE & REAL ESTATE	104.7	104.0	103.8	103.3
Banking	30.8	30.9	30.3	30.3
Insurance Carriers	20.0	19.6	19.5	19.6
SERVICES	387.1	385.2	372.5	369.1
Personal Services	25.0	25.1	24.2	24.2
Business Services	76.3	74.6	72.6	72.1
GOVERNMENT	513.6	506.9	496.9	495.7
Federal Government	154.2	155.4	153.0	153.7
State and Local Government	357.8	351.3	342.7	341.4
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.1	39.3	39.7	39.5
Durable Goods	39.6	39.8	40.3	39.9
Lumber and Wood Products	38.2	38.2	37.5	38.3
Furniture and Fixtures	36.5	36.0	39.1	38.8
Household & Office Furniture	36.2	35.6	39.0	38.6
Stone, Clay & Glass Products	39.5	40.0	40.5	41.1
Primary Metal Industries	38.7	38.5	38.4	38.9
Fabricated Metal Products	41.6	40.8	42.3	41.1
Fabricated Structural Metal Products	43.2	41.6	43.9	42.5
Machinery, except Electrical	41.2	40.8	40.9	40.2
Electric and Electronic Equipment	38.0	38.5	39.4	38.6
Instruments & Related Products	40.9	39.8	39.5	39.1
Miscellaneous Manufacturing Industries	37.4	36.7	37.7	36.8
Nondurable Goods	38.7	38.9	39.5	39.3
Food & Kindred Products	37.2	38.3	38.0	38.8
Tobacco Manufactures	39.0	38.2	36.3	37.5
Cigarettes	38.6	38.7	36.3	37.8
Textile Mill Products	41.2	40.3	42.1	41.0
Weaving Mills, Cotton, Synthetics and Wool	43.6	42.6	44.0	43.0
Knitting Mills	38.5	38.5	37.9	37.9
Apparel & Other Textile Products	34.3	36.0	36.1	35.3
Men's and Boys' Suits, Coats and Furnishings	36.3	36.6	36.0	35.2
Women's and Children's Outerwear & Undergarments	31.6	34.7	35.6	34.6
Paper & Allied Products	42.1	42.0	42.6	42.9
Pulp, Paper and Paperboard	43.7	43.8	43.3	42.4
Printing and Publishing	37.2	38.4	41.1	37.8
Newspapers and Periodicals	35.9	35.9	34.7	34.4
Chemicals & Allied Products	40.8	39.7	41.8	41.6
Plastics Materials & Synthetics	40.4	38.6	41.9	41.5
Agricultural Chemicals	39.9	42.8	41.2	39.8
Leather & Leather Products	37.2	35.7	37.2	36.7

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1979
JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1976:									
January	1,814.8	379.7	22.9	111.7	102.4	376.7	84.1	306.0	426.0
February	1,824.7	383.8	22.6	115.3	103.0	378.5	84.4	308.2	427.8
March	1,826.9	385.6	22.1	112.4	102.6	379.3	84.6	308.2	429.2
April	1,831.8	389.2	21.8	111.4	103.6	381.5	85.6	309.5	429.1
May	1,835.1	386.8	21.1	111.5	104.2	383.6	85.8	310.7	430.9
June	1,842.1	388.7	20.8	110.5	105.8	384.7	86.2	312.7	431.6
July	1,841.0	387.7	20.7	110.8	105.4	385.7	86.8	312.7	432.3
August	1,844.1	388.0	21.1	110.9	105.7	385.8	86.8	313.0	434.0
September	1,852.0	389.2	21.2	111.1	105.8	386.8	86.8	314.4	435.9
October	1,858.5	389.5	21.2	111.7	104.8	388.0	87.7	318.4	438.4
November	1,864.0	391.8	22.4	112.3	103.7	387.1	88.0	318.7	439.3
December	1,872.9	393.2	23.4	112.3	104.8	386.8	88.4	320.7	439.1
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2.096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	[illegible]	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	[illegible]	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	[illegible]	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	[illegible]	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	[illegible]	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,118.9	405.1	23.1	121.1	115.1	449.4	104.7	387.1	513.6
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

12/2/80

S 8270-2

EMPLOYMENT HOURS AND EARNINGS

VOLUME 30
NUMBER 11

VIRGINIA

BRISTOL

RICHMOND

NORTHERN VIRGINIA

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

ROANOKE

LYNCHBURG

NEWPORT NEWS-HAMPTON

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF RESEARCH AND STATISTICS

NOVEMBER 1980

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Explanatory Notes

RECORD LEVELS CONTINUE FOR VIRGINIA'S NONAGRICULTURAL EMPLOYMENT

VIRGINIA'S NONAGRICULTURAL EMPLOYMENT REACHED ANOTHER RECORD HIGH IN OCTOBER 1980. The 2,141,000 persons employed across the Commonwealth represent an increase of 4,800 from the September figure and 16,600 more than were on payrolls during the same period a year ago. The economy continued to demonstrate strength in many areas. Significant gains were reported by manufacturing, transportation and public utilities, trade and government. New hires by manufacturing in the durable-goods sector, more port activity, early preparations for the Christmas buying season and an increase in the number of workers being used by state and local school systems were among the prime reasons for the October uptrend in worker totals. Employment would have been even higher had it not been for a 1.7 percent decline in the construction industry's workforce. The services, mining and finance divisions also experienced a downward movement in employment but to a much lesser degree.

MANUFACTURING EMPLOYMENT ADVANCED 3,300 BETWEEN SEPTEMBER AND OCTOBER, with two thousand of these workers being employed in the durable goods division. Transportation equipment was the bright spot. Several shipyards have been awarded healthy contracts during the past few months and this month's rise indicates work has begun or is progressing on several projects. The return to work after a two-week layoff in September by employees at a truck assembly plant also enhanced transportation equipment's employment picture. Furniture manufacturers, who have been experiencing difficulty, have indicated the fall furniture market was excellent in both attendance and in written orders for functional, comfortable furniture. Manufacturers of accessories such as lamps also found the market to be stronger than last spring. Nondurable goods producers added 1,300 to their payrolls with chemicals and food being the best gainers. Although last summer's hot, dry weather has ended, the effects linger on, especially for the food and tobacco industries. Crops proved to be better than early predictions but, nevertheless, smaller than usual harvests were made, particularly in the peanut crop. This has hampered the hiring of seasonal processors and this year's employment figures are well below year-ago levels. While still 700 below last year's total, chemical producers for the past few months have been cutting the over-the-year difference at a good rate. Increases in plastics and rubber products, textiles, tobacco, apparel and paper were limited to one hundred each this month. These gains individually may appear fragile but collectively they added strongly to manufacturing's overall employment picture.

AVERAGE WEEKLY EARNINGS WERE ALSO AT A PEAK THIS MONTH. Virginia's 317,200 factory production workers earned $253.29 in October 1980. This was $2.71 more than was earned in September and $24.32 more than workers received for their labors last year. The average hourly earnings of these workers also peaked in October. At $6.38, the average was two cents more than the preceding month and 67 cents ahead of the previous year. The lengthening of the average workweek by three-tenths of an hour to 39.7 hours helped to push up weekly earnings. Weekly earnings were up in all but one (Northern Virginia) of the metropolitan areas. The Norfolk and Richmond Areas weekly earnings had the largest monthly increases - $11.51 and $9.81 respectively. Wage rate increases and increased overtime work were the primary reasons for these substantial increments.

RECORD LEVELS CONTINUE FOR VIRGINIA'S NONAGRICULTURAL EMPLOYMENT

(continued from page 1)

TRANSPORTATION AND PUBLIC UTILITIES, TRADE AND GOVERNMENT CONTRIBUTED HEAVILY TO NONMANUFACTURING'S 1,500 OVER-THE-MONTH INCREASE IN PERSONNEL. During October, more than three million tons of coal were dumped at Norfolk coal piers, the second-highest tonnage since December 1970. Retail sales were down slightly this month, breaking a four-month rise. The month's losses were concentrated in durable consumer goods where interest rates tend to crimp credit buying. Sales of nondurable goods, about two-thirds of retail sales, did not pick up much and most of this gain was traceable to food-related price increases rather than volume gains. The upswing in government personnel can be attributed to staffing for adult education programs at both state and local levels. Also, some increase was noted by defense agencies at the federal level.

IT IS NOT UNUSUAL FOR CONSTRUCTION EMPLOYMENT TO DECLINE BETWEEN SEPTEMBER AND OCTOBER AND THIS YEAR FOLLOWED THE SAME PATTERN. While not as severe as the 1979 September to October drop, the 2,200 decline was nevertheless considered austere. Climbing borrowing costs continued to be a deterent to builders of new homes and no dramatic turnaround is expected before year-end. Sales of used homes are also expected to turn downwards as remodelers are making more extensive renovations and additions instead of purchasing new or larger homes. The losses recorded by finance and services reflect the troubles of the construction industry and the end of the tourist season. Declines in these three divisions (construction, finance and services) account for a worker loss of 2,500 over the month.

THE PRODUCERS PRICE INDEX, PUBLISHED BY THE BUREAU OF LABOR STATISTICS was 277.0 (1967=100) in October 1980. The monthly increase was 1.1 percent. The index for finished goods at 252.2 was up 1.3 percent over the month.

THE BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMER PRICE INDEX (U. S. City Average) rose 0.9 percent in October 1980 to 253.9. The index was up 12.6 percent over the year. The Urban Wage Earners and Clerical Workers Index at 254.1, was also up 0.9 percent over the month and 12.6 percent over the year. The base period for both indexes is 1967.

THE NOVEMBER 1980 CONSUMER PRICE INDEX data will be released on December 23, 1980 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES[1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed [2]			Unemployed			Per Cent of Labor Force		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	Sept. 1980	Aug. 1980	Sept. 1979
United States	104,720,000	106,126,000	103,374,000	97,256,000	98,115,000	97,576,000	7,464,000	8,011,000	5,798,000	7.1	7.5	5.6
Virginia	2,533,000	2,535,500	2,492,500	2,396,800	2,399,300	2,385,300	136,200	136,200	107,200	5.4	5.4	4.3
Bristol Area	39,560	39,370	37,860	37,160	36,970	36,310	2,400	2,400	1,550	6.1	6.1	4.1
Lynchburg SMSA	77,720	77,600	76,280	73,340	73,020	73,450	4,580	4,580	2,830	5.9	5.9	3.7
Newport News-Hampton SMSA	171,140	172,250	161,140	161,570	162,660	152,860	9,570	9,590	8,280	5.6	5.6	5.1
Norfolk-Virginia Beach-Portsmouth SMSA	330,420	330,420	327,100	310,600	311,020	309,520	19,820	19,400	17,580	6.0	5.9	5.4
Northern Virginia Area	567,900	573,200	552,400	548,000	555,100	534,700	19,900	18,100	17,700	3.5	3.2	3.2
Petersburg-Colonial Heights-Hopewell SMSA	61,170	62,050	57,680	57,070	57,860	54,720	4,100	4,190	2,960	6.7	6.8	5.1
Richmond SMSA	332,820	331,030	326,280	319,660	318,380	316,480	13,160	12,650	9,800	4.0	3.8	3.0
Roanoke SMSA	112,780	114,060	109,120	106,890	108,060	105,120	5,890	6,000	4,000	5.2	5.3	3.7

[1] **All data adjusted to a place-of-residence basis.**

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL 1/	2,141.0	2,136.2	2,124.4	4.8	16.6
MANUFACTURING	413.9	410.6	420.7	3.3	6.8
Durable Goods	188.9	186.9	193.8	2.0	- 4.9
Lumber and Wood Products	23.6	23.3	25.1	.3	- 1.5
Millwork, Plywood and Structural Members	6.2	6.1	6.6	.1	- .4
Wood Containers	1.8	1.9	1.9	- .1	- .1
Wood Buildings and Mobile Homes	3.3	3.3	3.5	0	- .2
Miscellaneous Wood Products	2.0	2.0	2.2	0	- .2
Furniture and Fixtures	25.6	25.5	27.2	.1	- 1.6
Household and Office Furniture	24.0	23.9	25.8	.1	- 1.8
Stone, Clay and Glass Products	12.7	12.7	13.4	0	- .7
Structural Clay Products	.9	.9	1.0	0	- .1
Concrete Gypsum and Plaster Products	7.3	7.3	7.8	0	- .5
Glass and Glass Products	1.7	1.7	1.7	0	0
Primary Metal Industries	11.9	11.9	14.1	0	- 2.2
Fabricated Metal Products	20.6	20.5	21.3	.1	- .7
Fabricated Structural Metal Products	13.1	12.9	13.5	.2	- .4
Machinery, except Electrical	15.4	15.3	15.3	.1	.1
Construction and Related Machinery	4.7	4.6	4.8	.1	- .1
Special Industry Machinery	2.5	2.4	2.5	.1	0
Refrigeration and Service Machinery	1.9	1.9	2.1	0	- .2
Electric and Electronic Equipment	33.3	33.2	33.5	.1	- .2
Communication Equipment	11.4	11.4	11.3	0	.1
Electronic Components and Accessories	5.3	5.2	5.4	.1	- .1
Transportation Equipment	38.2	36.9	36.3	1.3	1.9
Instruments and Related Products	4.1	4.0	3.8	.1	.3
Miscellaneous Manufacturing Industries	3.5	3.6	3.8	- .1	- .3
Nondurable Goods	225.0	223.7	226.9	1.3	- 1.9
Food and Kindred Products	42.9	42.4	43.7	.5	- .8
Meat Products	13.3	13.4	13.0	- .1	.3
Dairy Products	2.7	2.7	2.6	0	.1
Preserved Fruits and Vegetables	4.1	3.5	6.1	.6	- 2.0
Bakery Products	5.0	4.9	5.0	.1	0
Beverages	5.8	5.8	5.5	0	.3
Tobacco Manufactures	17.8	17.7	17.4	.1	.4
Cigarettes	14.2	14.1	13.8	.1	.4
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	3.2	3.2	3.2	0	0
Textile Mill Products	44.7	44.6	45.1	.1	- .4
Weaving Mills, Cotton, Synthetics and Wool	19.0	19.1	18.7	- .1	.3
Narrow Fabric Mills	1.2	1.1	1.4	.1	- .2
Knitting Mills	13.9	13.9	13.1	0	.8
Textile Finishing, except Wool	4.7	4.7	5.4	0	- .7
Yarn and Thread Mills	3.0	3.0	3.4	0	- .4
Miscellaneous Textile Goods	1.2	1.2	1.4	0	- .2
Apparel and Other Textile Products	34.3	34.2	34.8	.1	- .5
Men's and Boys' Suits, Coats and Furnishings	13.3	13.5	13.3	- .2	0
Women's and Children's Outerwear & Undergarments	17.1	16.9	17.5	.2	- .4
Miscellaneous Fabricated Textile Products	1.7	1.7	1.8	0	- .1
Paper and Allied Products	14.5	14.4	14.6	.1	- .1
Pulp, Paper and Paperboard	7.6	7.6	7.7	0	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.1	6.0	6.2	.1	- .1
Miscellaneous Converted Paper Products	2.4	2.4	2.7	0	- .3
Paperboard Containers and Boxes	3.7	3.6	3.5	.1	.2
Printing and Publishing	22.1	22.1	21.2	0	.9
Newspapers and Periodicals	8.4	8.5	8.1	- .1	.3
Commercial Printing	8.2	8.2	8.1	0	.1
Chemicals and Allied Products	33.1	32.8	33.8	.3	- .7
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	19.6	19.4	20.9	.2	- 1.3
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.6	1.6	1.6	0	0
Miscellaneous Chemical Products	3.4	3.3	3.1	.1	.3
Petroleum, Rubber and Misc. Plastics Products	12.0	11.9	12.6	.1	- .6
Miscellaneous Plastics Products	5.7	5.6	5.8	.1	- .1
Rubber and Rubber Products	6.0	6.0	6.4	0	- .4
Leather and Leather Products	3.6	3.6	3.7	0	- .1

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
(Continued from page 4)					
NONMANUFACTURING	1,727.1	1,725.6	1,703.7	1.5	23.4
Mining	23.8	24.0	23.5	- .2	.3
Bituminous Coal and Lignite Mining	20.8	20.8	20.0	0	.8
Construction	124.8	127.0	139.8	- 2.2	-15.0
Transportation and Public Utilities	115.7	114.7	114.8	1.0	.9
Railroad Transportation	14.0	14.0	14.7	0	- .7
Trucking and Warehousing	29.7	29.4	30.1	.3	- .4
Transportation by Air	10.8	10.9	11.7	- .1	- .9
Communication	29.3	29.4	27.4	- .1	1.9
Electric, Gas and Sanitary Services	16.7	16.7	15.7	0	1.0
Wholesale and Retail Trade	453.2	451.7	444.0	1.5	9.2
Wholesale	107.0	105.4	103.6	1.6	3.4
Wholesale Trade Durable Goods	64.1	63.8	63.6	.3	.5
Wholesale Trade Nondurable Goods	42.9	41.6	40.0	1.3	2.9
Retail	346.2	346.3	340.4	- .1	5.8
General Merchandise Stores	56.3	55.0	57.1	1.3	- .8
Department Stores	41.1	40.5	43.6	.6	- 2.5
Variety Stores	9.1	9.0	9.0	.1	.1
Food Stores	54.7	55.0	51.1	- .3	3.6
Automotive Dealers and Service Stations	46.6	46.6	47.7	0	- 1.1
Furniture and Home Furnishings Stores	15.5	15.3	16.2	.2	- .7
Miscellaneous Retail	43.8	43.2	42.8	.6	1.0
Finance, Insurance and Real Estate	105.9	106.0	105.0	- .1	.9
Banking	30.9	31.0	30.5	- .1	.4
Insurance Carriers	20.0	19.9	19.8	.1	.2
Real Estate	23.4	23.5	24.3	- .1	- .9
Services	392.0	392.2	378.3	- .2	13.7
Personal Services	24.7	24.4	23.6	.3	1.1
Business Services	77.1	76.8	73.4	.3	3.7
Auto and Miscellaneous Repair Service	18.6	18.6	18.2	0	.4
Health Services	102.3	101.9	98.2	.4	4.1
Government	511.7	510.0	498.3	1.7	13.4
Federal Government	154.0	153.3	153.5	.7	.5
State and Local Government	357.7	356.7	344.8	1.0	12.9
State Government	118.9	118.4	118.2	.5	.7
Local Government	238.8	238.3	226.6	.5	12.2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to **December 1978** benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1979
JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average:									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.1	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	451.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1976:									
January	1,778.8	378.2	21.1	100.5	102.6	370.4	82.6	295.6	427.8
February	1,782.6	380.2	21.0	100.9	102.6	366.2	82.6	298.9	430.2
March	1,796.6	382.0	21.1	104.1	102.8	369.5	83.1	301.6	432.4
April	1,826.1	384.7	21.6	111.0	104.2	377.8	85.0	309.9	431.9
May	1,843.2	384.2	21.7	114.5	105.6	383.7	86.0	313.6	433.9
June	1,870.9	388.7	22.1	117.1	108.6	387.7	88.1	321.9	436.7
July	1,870.6	386.8	22.0	119.2	107.9	390.3	89.0	321.9	433.5
August	1,874.6	390.7	21.8	119.5	108.1	391.1	89.0	321.8	432.6
September	1,878.1	393.4	22.1	116.4	107.3	393.6	87.9	318.7	438.7
October	1,878.9	393.7	22.1	115.1	105.3	396.0	87.2	319.5	440.0
November	1,884.1	396.2	22.1	113.4	104.9	402.1	87.2	315.3	442.9
December	1,893.1	395.5	22.2	109.8	106.4	411.8	87.8	314.9	444.7
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.1	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	471.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.0	413.9	23.8	124.8	115.7	453.2	105.9	392.0	511.7
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL 1/	896.9	894.4	879.6	2.5	17.3
MANUFACTURING	145.6	144.2	148.0	1.4	- 2.4
Durable Goods	44.9	44.0	46.0	.9	- 1.1
Lumber and Wood Products	4.2	4.1	4.5	.1	- .3
Furniture and Fixtures	8.7	8.7	9.1	0	- .4
Stone, Clay and Glass Products	1.4	1.3	1.5	.1	- .1
Primary Metal Industries	2.0	2.0	2.1	0	- .1
Fabricated Metal Products	3.4	3.4	3.6	0	- .2
Machinery, except Electrical	2.5	2.4	2.4	.1	.1
Electric and Electronic Equipment	14.8	14.8	15.2	0	- .4
Transportation Equipment	5.1	4.5	4.8	.6	.3
Instruments and Related Products	1.7	1.7	1.5	0	.2
Miscellaneous Manufacturing Industries	1.1	1.1	1.3	0	- .2
Nondurable Goods	100.7	100.2	102.0	.5	- 1.3
Food and Kindred Products	15.6	15.4	15.8	.2	- .2
Tobacco Manufactures	5.9	5.8	6.0	.1	- .1
Textile Mill Products	24.6	24.5	24.5	.1	.1
Apparel and Other Textile Products	30.6	30.6	31.4	0	- .8
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.7	7.7	7.6	0	.1
Chemicals and Allied Products	8.4	8.3	8.6	.1	- .2
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.8	0	- .1
Leather and Leather Products	2.7	2.7	2.8	0	- .1
NONMANUFACTURING	751.3	750.2	731.6	1.1	19.7
Mining	.6	.6	.6	0	0
Construction	7.6	7.7	8.3	- .1	- .7
Transportation and Public Utilities	28.2	28.4	27.5	- .2	.7
Wholesale and Retail Trade	186.8	186.7	183.1	.1	3.7
Wholesale Trade	20.9	20.5	20.3	.4	.6
Retail Trade	165.9	166.2	162.8	- .3	3.1
Finance, Insurance and Real Estate	60.5	60.5	59.1	0	1.4
Services	217.6	217.7	210.6	- .1	7.0
Government	250.0	248.6	242.4	1.4	7.6
Federal Government	54.9	54.7	53.2	.2	1.7
State and Local Government	195.1	193.9	189.2	1.2	5.9

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to **December 1978** benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
MANUFACTURING	317.2	314.5	325.0	2.7	- 7.8
Durable Goods	142.7	141.0	147.5	1.7	- 4.8
Lumber and Wood Products	20.1	19.7	21.4	.4	- 1.3
Millwork, Plywood and Structural Members	5.2	5.1	5.5	.1	- .3
Wood Containers	1.6	1.7	1.8	- .1	- .2
Wood Buildings and Mobile Homes	2.4	2.4	2.6	0	- .2
Miscellaneous Wood Products	1.8	1.8	2.0	0	- .2
Furniture and Fixtures	21.6	21.5	22.8	.1	- 1.2
Household and Office Furniture	20.4	20.4	21.8	0	- 1.4
Stone, Clay and Glass Products	9.9	9.9	10.8	0	- .9
Structural Clay Products	.8	.8	.9	0	- .1
Concrete Gypsum and Plaster Products	5.7	5.7	6.3	0	- .6
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	6.5	6.4	8.3	.1	- 1.8
Fabricated Metal Products	13.3	13.4	14.1	- .1	- .8
Fabricated Structural Metal Products	7.6	7.6	8.0	0	- .4
Machinery, except Electrical	10.8	10.7	10.7	.1	.1
Construction and Related Machinery	2.9	2.8	3.0	.1	- .1
Special Industry Machinery	1.5	1.5	1.5	0	0
Refrigeration and Service Machinery	1.2	1.2	1.4	0	- .2
Electric and Electronic Equipment	22.3	22.3	22.9	0	- .6
Communication Equipment	7.0	7.0	7.1	0	- .1
Electronic Components and Accessories	3.4	3.3	3.5	.1	- .1
Transportation Equipment	33.0	31.9	31.3	1.1	1.7
Instruments and Related Products	2.5	2.4	2.2	.1	.3
Miscellaneous Manufacturing Industries	2.7	2.8	3.0	- .1	- .3
Nondurable Goods	174.5	173.5	177.5	1.0	- 3.0
Food and Kindred Products	31.3	31.0	32.4	.3	- 1.1
Meat Products	11.4	11.6	11.3	- .2	.1
Dairy Products	1.4	1.3	1.2	.1	.2
Preserved Fruits and Vegetables	3.4	2.9	5.4	.5	- 2.0
Bakery Products	2.5	2.5	2.5	0	0
Beverages	2.4	2.4	2.1	0	.3
Tobacco Manufactures	13.3	13.1	13.1	.2	.2
Cigarettes	10.4	10.3	10.2	.1	.2
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	2.6	2.5	2.6	.1	0
Textile Mill Products	40.1	39.9	40.3	.2	- .2
Weaving Mills, Cotton, Synthetics and Wool	16.6	16.8	16.4	- .2	.2
Narrow Fabric Mills	1.1	1.0	1.3	.1	- .2
Knitting Mills	12.8	12.7	12.0	.1	.8
Textile Finishing, except Wool	4.4	4.2	5.0	.2	- .6
Yarn and Thread Mills	2.7	2.7	3.1	0	- .4
Miscellaneous Textile Goods	1.1	1.1	1.2	0	- .1
Apparel and Other Textile Products	31.2	31.2	31.5	0	- .3
Men's and Boys' Suits, Coats and Furnishings	12.2	12.5	12.0	- .3	.2
Women's and Children's Outerwear & Undergarments	15.7	15.5	16.1	.2	- .4
Miscellaneous Fabricated Textile Products	1.4	1.3	1.5	.1	- .1
Paper and Allied Products	10.9	10.9	11.1	0	- .2
Pulp, Paper and Paperboard	5.3	5.4	5.5	- .1	- .2
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.1	5.0	5.1	.1	0
Miscellaneous Converted Paper Products	2.1	2.1	2.3	0	- .2
Paperboard Containers and Boxes	3.0	2.9	2.8	.1	.2
Printing and Publishing	12.8	12.8	12.8	0	0
Newspapers and Periodicals	2.9	2.9	3.0	0	- .1
Commercial Printing	6.3	6.2	6.2	.1	.1
Chemicals and Allied Products	22.6	22.4	23.2	.2	- .6
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	14.4	14.2	15.3	.2	- .9
Drugs	1.2	1.2	1.2	0	0
Agricultural Chemicals	1.0	1.0	.9	0	.1
Miscellaneous Chemical Products	2.3	2.2	2.0	.1	.3
Petroleum, Rubber and Misc. Plastics Products	9.1	9.0	9.7	.1	- .6
Miscellaneous Plastics Products	4.1	4.1	4.3	0	- .2
Rubber and Rubber Products	4.7	4.7	5.2	0	- .5
Leather and Leather Products	3.2	3.2	3.4	0	- .2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL	28.7	28.4	28.7	.3	0
MANUFACTURING	9.4	9.3	9.9	.1	-.5
Durable Goods	4.6	4.6	5.4	0	-.8
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.5	0	-.2
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.1	2.4	0	-.3
Other Durable Goods 1/	1.9	1.9	2.2	0	-.3
Nondurable Goods	4.8	4.7	4.5	.1	.3
Food and Kindred Products	1.6	1.6	1.6	0	0
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.0	1.8	.1	.3
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	19.3	19.1	18.8	.2	.5
Construction	1.3	1.3	1.4	0	-.1
Transportation & Public Utilities	1.2	1.1	1.1	.1	.1
Trade	6.8	6.6	6.8	.2	0
Wholesale Trade	1.8	1.7	1.8	.1	0
Retail Trade	5.0	4.9	5.0	.1	0
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.7	3.8	3.5	-.1	.2
Government	5.3	5.3	5.0	0	.3
State and Local Government	5.0	5.0	4.7	0	.3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL	72.5	72.4	74.3	.1	-1.8
MANUFACTURING	29.0	29.0	30.3	0	-1.3
Durable Goods	18.5	18.4	20.0	.1	-1.5
Lumber and Wood Products and Furniture and Fixtures	4.0	3.9	4.4	.1	-.4
Other Durable Goods 1/	14.5	14.5	15.6	0	-1.1
Nondurable Goods	10.5	10.6	10.3	-.1	.2
Food and Kindred Products	1.6	1.7	1.4	-.1	.2
Textile Mill Products	1.7	1.7	1.8	0	-.1
Apparel & Other Textile Products	2.5	2.6	2.5	-.1	0
Paper and Allied Products	1.0	1.0	.9	0	.1
Other Nondurable Goods 2/	3.7	3.6	3.7	.1	0
NONMANUFACTURING	43.5	43.4	44.0	.1	-.5
Construction	3.9	3.9	3.8	0	.1
Transportation and Public Utilities	2.7	2.8	2.7	-.1	0
Wholesale and Retail Trade	11.7	11.7	12.6	0	-.9
Wholesale Trade	2.2	2.2	2.2	0	0
Retail Trade	9.5	9.5	10.4	0	-.9
Finance, Insurance and Real Estate	3.7	3.7	3.6	0	.1
Services and Mining	11.1	11.0	10.9	.1	.2
Government	10.4	10.3	10.4	.1	0

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL	154.9	154.9	149.2	0	5.7
MANUFACTURING	35.8	35.3	33.8	.5	2.0
Durable Goods	29.4	28.8	27.6	.6	1.8
Stone, Clay & Glass Products	.5	.6	.3	- .1	.2
Transportation Equipment	25.3	24.6	23.0	.7	2.3
Other Durable Goods 1/	3.6	3.6	4.3	0	- .7
Nondurable Goods	6.4	6.5	6.2	- .1	.2
Food & Kindred Products	2.9	3.0	2.6	- .1	.3
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.7	0	- .1
Printing and Publishing	1.1	1.1	1.1	0	0
Other Nondurable Goods 2/	1.8	1.8	1.8	0	0
NONMANUFACTURING	119.1	119.6	115.4	- .5	3.7
Construction	7.2	7.3	7.9	- .1	- .7
Transportation and Public Utilities	5.2	5.1	5.1	.1	.1
Wholesale and Retail Trade	28.9	29.3	28.2	- .4	.7
Wholesale Trade	3.4	3.3	3.3	.1	.1
Retail Trade	25.5	26.0	24.9	- .5	.6
Finance, Insurance and Real Estate	5.0	5.2	5.1	- .2	- .1
Services and Mining	29.5	29.4	27.6	.1	1.9
Government	43.3	43.3	41.5	0	1.8
Federal Government	17.1	17.0	16.9	.1	.2
State and Local Government	26.2	26.3	24.6	- .1	1.6

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL	285.1	284.9	287.5	.2	- 2.4
MANUFACTURING	29.7	29.7	30.8	0	- 1.1
Durable Goods	17.9	17.5	18.2	.4	- .3
Lumber & Wood Products	1.6	1.6	1.8	0	- .2
Stone, Clay and Glass Products	1.8	1.7	1.7	.1	.1
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.2	1.2	1.1	0	.1
Transportation Equipment	7.8	7.6	8.0	.2	- .2
Other Durable Goods 1/	4.5	4.4	4.5	.1	0
Nondurable Goods	11.8	12.2	12.6	- .4	- .8
Food and Kindred Products	5.8	6.0	6.3	- .2	- .5
Apparel & Other Textile Products	.9	.9	.9	0	0
Printing and Publishing	2.4	2.5	2.3	- .1	.1
Chemicals and Allied Products	1.3	1.3	1.5	0	- .2
Agricultural Chemicals	.[illegible]	.6	.7	.1	0
Other Nondurable Goods 2/	1.[illegible]	1.5	1.6	- .1	- .2
NONMANUFACTURING	255.4	255.2	256.7	.2	- 1.3
Construction	15.9	16.1	18.5	- .2	- 2.6
Transportation & Public Utilities	19.0	19.0	18.9	0	.1
Railroads	1.5	1.5	1.5	0	0
Wholesale and Retail Trade	69.2	68.8	69.7	.4	- .5
Wholesale Trade	14.6	14.4	15.0	.2	.4
Retail Trade	54.6	54.4	54.7	.2	- .1
Finance, Insurance & Real Estate	14.5	14.6	14.7	- .1	- .2
Banking	4.4	4.4	4.2	0	.2
Insurance Carriers and Agents	3.0	3.0	3.2	0	- .2
Services and Mining	55.7	55.9	53.3	- .2	2.4
Personal Services	3.9	4.0	4.0	- .1	- .1
Government	81.1	80.8	81.6	.3	- .5
Federal Government	36.4	36.1	37.1	.3	- .7
State & Local Government	44.7	44.7	44.5	0	.2

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL	432.4	432.3	428.0	.1	4.4
MANUFACTURING	17.1	17.1	16.6	0	.5
Durable Goods	10.1	10.1	10.0	0	.1
Stone, Clay and Glass Products	1.0	1.1	1.1	- .1	- .1
Fabricated Metal Products	1.1	1.1	1.1	0	0
Machinery, except Electrical	.6	.6	.7	0	- .1
Electric and Electronic Equipment	5.3	5.3	5.1	0	.2
Other Durable Goods 1/	2.1	2.0	2.0	.1	.1
Nondurable Goods	7.0	7.0	6.6	0	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.5	4.5	4.3	0	.2
Other Nondurable Goods 2/	1.4	1.4	1.2	0	.2
NONMANUFACTURING	415.3	415.2	411.4	.1	3.9
Mining	.4	.4	.4	0	0
Construction	27.4	27.9	30.4	- .5	- 3.0
Transportation & Public Utilities	29.3	29.1	29.1	.2	.2
Transportation By Air	8.4	8.4	9.2	0	- .8
Electric, Gas & Sanitary Service	3.6	3.5	3.3	.1	.3
Wholesale and Retail Trade	98.5	98.5	98.7	0	- .2
Wholesale Trade	18.2	18.3	18.4	- .1	- .2
Retail Trade	80.3	80.2	80.3	.1	0
General Merchandise Stores	12.3	12.0	13.2	.3	- .9
Food Stores	9.2	9.2	9.0	0	.2
Auto. Dealers & Service Stations	12.2	12.2	12.1	0	.1
Apparel & Accessory Stores	5.3	5.3	4.8	0	.5
Eating & Drinking Places	23.2	23.4	22.8	- .2	.4
Finance, Insurance & Real Estate	27.0	27.3	27.0	- .3	0
Banking	6.0	5.9	5.8	.1	.2
Services	113.3	113.2	108.8	.1	4.5
Business Services	40.2	39.8	38.2	.4	2.0
Government	119.4	118.8	117.0	.6	2.4
Federal Government	67.5	66.9	66.5	.6	1.0
State and Local Government	51.9	51.9	50.5	0	1.4

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL	47.5	47.6	46.3	- .1	1.2
MANUFACTURING	11.8	11.6	11.8	.2	0
Durable Goods	2.7	2.7	2.5	0	.2
Lumber and Wood Products and Furniture & Fixtures	.6	.6	.4	0	.2
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.1	.1	.2	0	- .1
Other Durable Goods 1/	1.8	1.8	1.7	0	.1
Nondurable Goods	9.1	8.9	9.3	.2	- .2
Food and Kindred Products	.3	.3	.4	0	- .1
Textile Mill Products and Apparel & Other Textile Products	1.2	1.2	1.0	0	.2
Chemicals and Allied Products	3.5	3.4	3.7	.1	- .2
Other Nondurable Goods 2/	4.1	4.0	4.2	.1	- .1
NONMANUFACTURING	35.7	36.0	34.5	- .3	1.2
Construction	2.9	3.1	2.3	- .2	.6
Transportation and Public Utilities	1.5	1.6	1.5	- .1	0
Wholesale and Retail Trade	7.9	8.0	8.2	- .1	- .3
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	6.7	6.8	7.0	- .1	- .3
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.3	6.4	5.8	- .1	.5
Government	15.8	15.6	15.4	.2	.4
Federal Government	5.4	5.3	5.6	.1	- .2
State and Local Government	10.4	10.3	9.8	.1	.6

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL	326.8	326.6	327.4	.2	- .6
MANUFACTURING	56.1	55.8	55.7	.3	.4
Durable Goods	17.8	17.8	18.1	0	- .3
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.3	2.3	2.2	0	.1
Stone, Clay & Glass Products	1.3	1.3	1.3	0	0
Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.8	1.8	2.0	0	- .2
Machinery, except Electrical	2.1	2.1	2.0	0	.1
Other Durable Goods 1/	8.2	8.2	8.4	0	- .2
Nondurable Goods	38.3	38.0	37.6	.3	.7
Food & Kindred Products	4.3	4.2	4.3	.1	0
Bakery Products	1.8	1.8	1.9	0	- .1
Tobacco Manufactures	12.7	12.6	12.2	.1	.5
Cigarettes	11.7	11.6	11.0	.1	.7
Tobacco Stemming & Redrying	.4	.4	.8	0	.4
Apparel & Other Textile Products	2.2	2.2	2.3	0	- .1
Paper & Allied Products	4.2	4.1	4.2	.1	0
Printing and Publishing	5.2	5.2	5.0	0	.2
Commercial Printing	2.9	2.9	2.8	0	.1
Chemicals & Allied Products	7.7	7.7	7.7	0	0
Other Nondurable Goods 2/	2.0	2.0	1.9	0	.1
NONMANUFACTURING	270.7	270.8	271.7	- .1	- 1.0
Mining	.4	.4	.4	0	0
Construction	16.5	17.1	19.4	- .6	- 2.9
Transportation & Public Utilities	19.8	19.8	19.7	0	.1
Wholesale & Retail Trade	73.0	72.7	74.0	.3	- 1.0
Wholesale Trade	22.1	22.0	22.1	.1	0
Retail Trade	50.9	50.7	51.9	.2	- 1.0
General Merchandise Stores	10.2	10.0	11.0	.2	- .8
Food Stores	7.3	7.3	7.2	0	.1
Auto Dealers & Service Stations	5.6	5.6	5.9	0	- .3
Finance, Insurance & Real Estate	26.8	26.8	26.7	0	.1
Insurance Carriers	10.5	10.5	10.4	0	.1
Services	59.6	59.6	57.5	0	2.1
Government	74.6	74.4	74.0	.2	.6
Federal Government	7.8	7.9	8.1	- .1	- .3
State & Local Government	66.8	66.5	65.9	.3	.9

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1980	September 1980	October 1979	September 1980	October 1979
NONAGRICULTURAL	105.8	105.4	105.1	.4	.7
MANUFACTURING	21.0	20.9	20.7	.1	.3
Durable Goods	12.3	12.2	12.1	.1	.2
Furniture & Fixtures	1.4	1.4	1.5	0	- .1
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.3	1.3	1.3	0	0
Machinery, except Electrical	1.7	1.7	1.6	0	.1
Other Durable Goods 1/	6.7	6.6	6.4	.1	.3
Nondurable Goods	8.7	8.7	8.6	0	.1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.8	1.8	1.8	0	0
Apparel & Other Textile Products	1.5	1.5	1.6	0	.1
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.6	2.4	0	.2
NONMANUFACTURING	84.8	84.5	84.4	.3	.4
Mining	.1	.1	.1	0	0
Construction	6.5	6.7	6.5	- .2	0
Transportation & Public Utilities	9.8	9.8	10.2	0	- .4
Wholesale & Retail Trade	25.7	25.7	26.3	0	- .6
Wholesale Trade	7.3	7.2	7.5	.1	- .2
Retail Trade	18.4	18.5	18.8	- .1	- .4
Finance, Insurance & Real Estate	6.2	6.2	6.0	0	.2
Services	20.0	19.6	19.7	.4	.3
Government	16.5	16.4	15.6	.1	.9
Federal Government	3.1	3.1	3.1	0	0
State & Local Government	13.4	13.3	12.5	.1	.9

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
MANUFACTURING	$253.29	$250.58	$228.97	39.7	39.4	40.1	$6.38	$6.36	$5.71
Durable Goods	260.58	256.64	239.09	40.4	40.1	40.8	6.45	6.40	5.86
Lumber and Wood Products	185.06	182.31	164.97	38.0	38.3	38.1	4.87	4.76	4.33
Furniture and Fixtures	172.13	167.52	168.92	39.3	37.9	41.2	4.38	4.42	4.10
Household and Office Furniture	171.26	166.19	167.28	39.1	37.6	41.0	4.38	4.42	4.08
Stone, Clay and Glass Products	229.25	232.76	219.76	39.8	40.2	41.0	5.76	5.79	5.36
Structural Clay Products	200.38	204.93	202.08	40.4	40.5	42.1	4.96	5.06	4.80
Glass and Glass Products	230.29	237.40	225.48	38.9	39.5	40.7	5.92	6.01	5.54
Primary Metal Industries	311.81	319.51	286.84	38.4	39.3	40.4	8.12	8.13	7.10
Fabricated Metal Products	1) 306.68	1) 305.62	296.95	41.0	41.3	42.3	1) 7.48	1) 7.40	7.02
Fabricated Structural Metal Products	1) 306.07	1) 305.16	294.74	42.1	42.8	43.6	1) 7.27	1) 7.13	6.76
Machinery, except Electrical	281.76	278.12	249.46	40.6	40.9	40.3	6.94	6.80	6.19
Construction and Related Machinery	297.97	275.02	249.88	41.5	39.8	39.6	7.18	6.91	6.31
Special Industry Machinery	285.70	282.65	270.66	38.4	38.3	40.7	7.44	7.38	6.65
Refrigeration and Service Machinery	279.03	281.62	254.37	42.6	42.8	41.7	6.55	6.58	6.10
Electric and Electronic Equipment	264.55	261.49	228.93	40.7	39.8	39.0	6.50	6.57	5.87
Communication Equipment	282.58	283.39	249.48	40.6	40.6	38.8	6.96	6.98	6.43
Instruments and Related Products	212.66	217.22	206.70	40.2	40.3	39.0	5.29	5.39	5.30
Miscellaneous Manufacturing Industries	206.12	202.46	190.24	38.6	38.2	38.2	5.34	5.30	4.98
Nondurable Goods	247.50	245.22	220.80	39.1	38.8	39.5	6.33	6.32	5.59
Food and Kindred Products	220.41	223.65	196.89	38.2	38.1	39.3	5.77	5.87	5.01
Tobacco Manufactures	394.94	367.09	262.07	40.8	39.6	37.6	9.68	9.27	6.97
Cigarettes	442.80	401.45	285.36	41.5	38.9	37.4	10.67	10.32	7.63
Textile Mill Products	206.11	209.27	199.26	40.1	40.4	41.6	5.14	5.18	4.79
Weaving Mills, Cotton, Synthetics and Wool	227.84	229.63	221.42	41.2	41.3	43.5	5.53	5.56	5.09
Knitting Mills	180.86	183.69	169.17	38.4	39.0	38.8	4.71	4.71	4.36
Yarn and Thread Mills	184.90	179.99	166.44	42.9	41.0	41.3	4.31	4.39	4.03
Miscellaneous Textile Goods	211.86	214.24	210.70	40.9	41.2	43.0	5.18	5.20	4.90
Apparel and Other Textile Products	151.26	145.59	136.35	36.1	34.5	35.6	4.19	4.22	3.83
Men's and Boys' Suits, Coats and Furnishings	158.95	156.22	140.09	37.4	36.5	36.2	4.25	4.28	3.87
Women's and Children's Outerwear & Undergarments	144.14	133.56	130.03	34.4	31.8	34.4	4.19	4.20	3.78
Paper and Allied Products	346.02	338.48	315.08	43.8	42.9	43.4	7.90	7.89	7.26
Pulp, Paper and Paperboard	416.27	400.77	374.00	45.1	43.8	44.0	9.23	9.15	8.50
Misc. Converted Paper and Paperboard Products, Containers and Boxes	275.40	276.41	249.48	42.5	42.2	42.5	6.48	6.55	5.87
Printing and Publishing	287.23	283.50	265.98	38.4	37.8	39.0	7.48	7.50	6.82
Newspapers and Periodicals	261.34	266.04	241.12	35.8	36.0	35.2	7.30	7.39	6.85
Chemical and Allied Products	319.58	316.81	308.26	39.7	39.7	41.6	8.05	7.98	7.41
Plastic Materials and Synthetics	316.95	321.05	309.18	38.7	39.2	41.5	8.19	8.19	7.45
Agricultural Chemicals	256.20	218.12	213.96	42.7	38.2	40.6	6.00	5.71	5.27
Leather and Leather Products	127.45	142.40	120.62	35.6	38.8	35.9	3.58	3.67	3.36

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
MANUFACTURING	1) $207.75	1) $208.21	$202.17	37.5	36.4	37.3	1) $5.54	1) $5.72	$5.42
Durable Goods	1) 257.11	1) 268.55	246.18	39.8	41.0	39.2	1) 6.46	1) 6.55	6.28
Fabricated Metal Products	1) 335.23	1) 342.63	341.20	39.3	40.5	39.4	1) 8.53	1) 8.46	8.66
Machinery and Transportation Equipment	243.81	259.72	221.76	40.5	42.3	39.6	6.02	6.14	5.60
Nondurable Goods	156.64	145.04	149.37	35.2	31.6	34.9	4.45	4.59	4.28
Food and Kindred Products	187.00	184.62	167.50	34.0	34.0	33.3	5.50	5.43	5.03
Apparel and Other Textile Products	133.73	111.00	122.49	35.1	28.1	34.0	3.81	3.95	3.60

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,900 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
MANUFACTURING	$246.63	$246.08	$241.38	38.9	39.5	40.5	$6.34	$6.23	$5.96
Durable Goods	1) 257.28	1) 259.91	251.33	1) 39.1	1) 39.5	40.8	1) 6.58	1) 6.58	6.16
Lumber and Wood Products and Furniture and Fixtures	166.57	165.39	155.54	37.6	37.0	38.5	4.43	4.47	4.04
Nondurable Goods	230.83	224.97	210.00	38.6	39.4	40.0	5.98	5.71	5.25
Food and Kindred Products	245.02	248.78	228.72	41.6	42.6	43.4	5.89	5.84	5.27
Textile Mill Products	223.43	224.56	214.34	37.3	40.1	41.7	5.99	5.60	5.14
Apparel and Other Textile Products	121.41	124.64	122.76	31.7	32.8	34.1	3.83	3.80	3.60
Paper and Allied Products	382.28	344.31	348.66	50.3	48.7	48.9	7.60	7.07	7.13

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
MANUFACTURING	$293.86	$282.35	$256.25	42.1	41.4	41.0	$6.98	$6.82	$6.25
Durable Goods	318.22	303.84	275.47	42.6	42.2	41.3	7.47	7.20	6.67
Lumber and Wood Products	1) 218.35	1) 217.94	214.24	39.7	42.4	41.2	1) 5.50	1) 5.14	5.20
Stone, Clay, and Glass Products	225.45	237.54	217.28	37.7	38.5	38.8	5.98	6.17	5.60
Fabricated Metal Products	236.08	234.54	222.56	41.2	42.8	42.8	5.73	5.48	5.20
Machinery, except Electrical	242.40	244.92	216.01	40.0	42.3	40.3	6.06	5.79	5.36
Transportation Equipment	412.50	378.35	337.26	46.4	44.2	42.8	8.89	8.56	7.88
Nondurable Goods	248.66	243.39	220.86	41.1	39.9	40.6	6.05	6.10	5.44
Food and Kindred Products	240.50	227.77	205.32	43.1	40.6	40.9	5.58	5.61	5.02
Apparel and Other Textile Products	155.00	156.14	132.82	36.3	37.0	35.8	4.27	4.22	3.71
Chemicals and Allied Products	252.63	214.72	231.13	40.1	35.2	41.2	6.30	6.10	5.61

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 23,000 production workers.

1) Data not comparable with prior years.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
MANUFACTURING	$284.89	$285.91	$258.98	39.9	40.1	39.6	$7.14	$7.13	$6.54
Durable Goods	272.83	280.22	255.96	40.6	41.7	40.5	6.72	6.72	6.32
Stone, Clay, and Glass Products	225.34	213.55	227.36	38.0	37.4	40.6	5.93	5.71	5.60
Fabricated Metal Products	277.95	311.08	271.89	40.4	44.0	40.4	6.88	7.07	6.73
Electric and Electronic Equipment	306.40	311.56	278.28	43.4	44.7	42.1	7.06	6.97	6.61
Nondurable Goods	303.03	294.46	262.89	38.9	37.8	38.1	7.79	7.79	6.90
Food and Kindred Products	301.51	301.25	249.99	40.8	40.6	39.0	7.39	7.42	6.41

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
MANUFACTURING	$304.10	$298.35	$284.25	39.7	39.0	39.7	$7.66	$7.65	$7.16
Durable Goods	182.91	182.40	166.92	39.0	38.4	39.0	4.69	4.75	4.28
Lumber and Wood Products and Furniture and Fixtures	178.50	132.61	150.88	42.0	31.8	38.1	4.25	4.17	3.96
Nondurable Goods	343.20	335.55	315.99	40.0	39.2	40.1	8.58	8.56	7.88
Food & Kindred Products	250.74	215.25	176.34	44.3	38.3	39.1	5.66	5.62	4.51
Chemicals & Allied Products	380.72	382.12	395.35	41.7	41.4	45.6	9.13	9.23	8.67

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,300 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
MANUFACTURING	$339.07	$329.26	$278.47	41.3	40.8	40.3	$8.21	$8.07	$6.91
Durable Goods	310.24	304.06	291.90	41.2	41.2	42.0	7.53	7.38	6.95
Lumber and Wood Products	185.55	180.95	181.15	38.9	38.5	40.8	4.77	4.70	4.44
Furniture and Fixtures	186.75	188.07	198.39	41.5	41.7	42.3	4.50	4.51	4.69
Primary Metal Industries	460.63	503.30	413.40	40.8	43.5	42.4	11.29	11.57	9.75
Fabricated Metal Products	436.04	376.18	379.69	44.0	40.8	43.0	9.91	9.22	8.83
Fabricated Structural Metal Products	519.75	437.86	413.10	46.2	41.9	42.5	11.25	10.45	9.72
Nondurable Goods	350.22	339.01	272.25	41.3	40.6	39.4	8.48	8.35	6.91
Food and Kindred Products	1) 210.95	1) 233.58	234.70	35.1	38.8	38.1	1) 6.01	1) 6.02	6.16
Tobacco Manufactures	453.68	409.64	270.61	42.8	40.2	37.9	10.60	10.19	7.14
Cigarettes	467.41	414.87	275.56	43.0	39.7	37.8	10.87	10.45	7.29
Apparel and Other Textile Products	165.97	169.24	154.66	39.8	40.2	40.7	4.17	4.21	3.80
Paper and Allied Products	305.11	311.10	267.90	42.2	42.5	40.9	7.23	7.32	6.55
Printing and Publishing	306.61	304.51	286.34	37.9	37.0	38.8	8.09	8.23	7.38
Chemicals and Allied Products	388.47	377.52	322.75	44.6	42.9	40.7	8.71	8.80	7.93

1) Not comparable with data for prior years.

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
MANUFACTURING	$243.14	$240.39	$218.30	39.6	39.8	40.5	$6.14	$6.04	$5.39
Durable Goods	251.33	246.04	225.50	41.0	40.6	41.0	6.13	6.06	5.50
Fabricated Metal Products	223.44	225.74	220.67	39.9	40.6	43.1	5.60	5.56	5.12
Fabricated Structural Metal Products	230.40	230.85	222.83	40.0	40.5	43.1	5.76	5.70	5.17
Nondurable Goods	231.48	232.37	209.35	37.7	38.6	39.8	6.14	6.02	5.26
Food and Kindred Products	261.06	253.80	233.12	45.8	45.0	47.0	5.70	5.64	4.96
Textile Mill Products	167.50	171.22	180.04	36.1	36.9	41.2	4.64	4.64	4.37

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979
Virginia	$253.29	$250.58	$228.97	$201.53	$199.64	$184.54	$220.20	$218.15	$201.75
Bristol Area	1) 207.75	1) 208.21	202.17	1) 169.14	1) 169.47	165.07	1) 185.35	1) 185.71	181.01
Lynchburg SMSA	246.63	246.08	24[illegible]38	196.88	196.50	193.21	215.15	214.73	211.16
Norfolk-Virginia Beach-Portsmouth SMSA	293.86	282.35	256.25	229.34	221.53	203.60	250.98	242.25	222.45
Northern Virginia Area	284.89	285.91	258.98	223.25	223.95	205.51	244.18	244.95	224.52
Petersburg-Colonial Heights-Hopewell SMSA	304.10	298.35	284.25	236.29	232.39	222.82	258.75	254.39	243.69
Richmond SMSA	339.07	329.26	278.47	258.77	252.51	218.90	284.29	277.14	239.31
Roanoke SMSA	234.14	240.39	218.30	188.15	192.52	176.83	205.67	210.41	193.57

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

1) Not comparable with data for prior years.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	October 1980 2/	September 1980	October 1979	September 1979
NONAGRICULTURAL	2,128.2	2,119.2	2,110.8	2,103.1
MANUFACTURING	409.4	406.1	415.9	415.6
Durable Goods	187.8	186.2	192.6	192.3
Lumber & Wood Products	23.4	23.1	24.9	25.0
Furniture and Fixtures	25.5	25.8	27.1	27.0
Stone, Clay and Glass Products	12.5	12.5	13.3	13.4
Primary Metal Industries	11.8	11.7	14.0	13.9
Fabricated Metal Products	20.5	20.4	21.3	20.9
Machinery, except Electrical	15.4	15.2	15.3	15.2
Electric and Electronic Equipment	33.1	33.1	33.3	33.4
Transportation Equipment	37.7	36.6	35.8	35.6
Instruments and Related Products	4.1	4.0	3.8	3.8
Nondurable Goods	221.7	220.0	223.5	223.4
Food and Kindred Products	40.8	40.5	41.6	41.4
Tobacco Manufactures	16.8	16.6	16.4	16.3
Textile Mill Products	44.2	44.3	44.6	44.5
Apparel and Other Textile Products	34.1	33.9	34.6	34.6
Paper and Allied Products	14.5	14.4	14.6	14.6
Printing and Publishing	22.0	22.1	21.1	21.0
Chemicals and Allied Products	33.5	32.8	34.2	34.4
Leather and Leather Products	3.6	3.6	3.7	3.8
MINING	22.8	23.1	22.5	22.6
Bituminous Coal and Lignite Mining	19.8	19.9	19.1	19.1
CONTRACT CONSTRUCTION	121.3	121.0	135.8	137.0
TRANSPORTATION & PUBLIC UTILITIES	116.3	114.5	115.4	115.1
Railroad Transportation	14.0	14.4	14.7	15.2
Trucking and Warehousing	29.5	28.8	29.9	29.6
Transportation by Air	10.7	10.8	11.6	11.6
Communication	29.5	29.4	27.6	27.6
Electric, Gas and Sanitary Services	16.8	16.8	15.7	15.7
WHOLESALE AND RETAIL TRADE	449.6	449.4	440.5	438.2
Wholesale Trade	106.5	105.2	103.0	102.7
Retail Trade	344.5	344.6	338.5	335.9
General Merchandise Stores	55.5	55.7	56.3	56.1
Food Stores	54.9	54.9	51.2	50.9
FINANCE, INSURANCE & REAL ESTATE	106.5	104.6	105.6	103.8
Banking	31.0	30.8	30.6	30.3
Insurance Carriers	20.1	20.0	19.9	19.5
SERVICES	390.4	387.2	376.8	372.5
Personal Services	25.2	25.0	24.1	24.2
Business Services	77.3	76.2	73.6	72.6
GOVERNMENT	513.2	513.6	499.5	496.9
Federal Government	155.1	154.2	154.5	153.0
State and Local Government	357.7	357.8	344.9	342.7
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.3	39.1	39.7	39.7
Durable Goods	39.7	39.6	40.1	40.3
Lumber and Wood Products	37.5	38.0	37.6	37.5
Furniture and Fixtures	37.8	37.0	39.6	39.1
Household & Office Furniture	37.6	36.7	39.4	39.0
Stone, Clay & Glass Products	39.6	39.5	40.8	40.5
Primary Metal Industries	37.5	38.6	39.4	38.4
Fabricated Metal Products	40.8	40.8	42.0	42.3
Fabricated Structural Metal Products	41.6	41.9	43.1	43.9
Machinery, except Electrical	40.6	41.1	40.3	40.9
Electric and Electronic Equipment	40.4	39.0	38.8	39.4
Instruments & Related Products	40.8	40.2	39.6	39.5
Miscellaneous Manufacturing Industries	37.7	37.8	38.0	37.7
Nondurable Goods	38.9	38.6	39.2	39.5
Food & Kindred Products	37.5	37.8	38.6	38.0
Tobacco Manufactures	40.6	40.0	37.4	36.3
Cigarettes	41.3	39.0	37.2	36.3
Textile Mill Products	39.9	40.1	41.3	42.1
Weaving Mills, Cotton, Synthetics and Wool	40.8	41.2	43.0	44.0
Knitting Mills	37.9	38.2	38.2	37.9
Apparel & Other Textile Products	35.8	34.4	35.3	36.1
Men's and Boys' Suits, Coats and Furnishings	37.0	36.5	35.8	36.0
Women's and Children's Outerwear & Undergarments	34.4	31.8	34.4	35.6
Paper & Allied Products	43.4	42.5	43.0	42.6
Pulp, Paper and Paperboard	44.8	43.7	43.7	43.3
Printing and Publishing	38.0	37.2	38.6	41.1
Newspapers and Periodicals	35.9	36.1	35.3	34.7
Chemicals & Allied Products	40.3	40.3	42.2	41.8
Plastics Materials & Synthetics	39.4	39.7	42.2	41.9
Agricultural Chemicals	43.7	39.9	41.6	41.2
Leather & Leather Products	36.6	37.2	36.9	37.2

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1972 - 1979

JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages:									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.5
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.1	387.8	21.8	111.8	104.3	383.7	86.1	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.0
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.3	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.6	374.7	493.6
1976:									
January	1,814.8	379.7	22.9	111.7	102.4	376.7	84.1	306.0	426.0
February	1,824.7	383.8	22.6	115.3	103.0	378.5	84.4	308.2	427.8
March	1,826.9	385.6	22.1	112.4	102.6	379.3	84.6	308.2	429.2
April	1,831.8	389.2	21.8	111.4	103.6	381.5	85.6	309.5	429.1
May	1,835.1	386.8	21.1	111.5	104.2	383.6	85.8	310.7	430.9
June	1,842.1	388.7	20.8	110.5	105.8	384.7	86.2	312.7	431.6
July	1,841.0	387.7	20.7	110.8	105.4	385.7	86.8	312.7	432.3
August	1,844.1	388.0	21.1	110.9	105.7	385.8	86.8	313.0	434.0
September	1,852.0	389.2	21.2	111.1	105.8	386.8	86.8	314.4	435.9
October	1,858.5	389.5	21.2	111.7	104.8	388.0	87.7	318.4	438.4
November	1,864.0	391.8	22.4	112.3	103.7	387.1	88.0	318.7	439.3
December	1,872.9	393.2	23.4	112.3	104.8	386.8	88.4	320.7	439.1
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	91.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.2	409.4	22.8	121.3	116.3	449.6	106.5	390.4	513.2
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

Table E-1.

OCCUPATIONAL EARNINGS

(Average weekly salaries for selected office, professional, and technical occupations, Richmond, Virginia, June 1980)

OCCUPATION MEN AND WOMEN COMBINED	Number of workers	Average weekly hours 1/	Weekly Earnings (Standard) 1/ Mean 2/	Weekly Earnings (Standard) 1/ Median 2/
OFFICE CLERICAL				
Secretaries 3/	1,528	38.00	$225.50	$219.00
Secretaries, Class A	56	38.50	292.00	296.00
Class B	331	38.50	249.00	250.00
Class C	575	38.00	223.50	225.00
Class D	343	38.00	221.50	201.00
Class E	151	38.00	168.00	164.50
Stenographers	211	38.50	229.00	205.00
Stenographers, General	129	38.50	215.50	186.00
Stenographers, Senior	82	39.00	250.50	231.50
Transcribing-Machine Typists	64	39.00	171.00	169.50
Typists	633	38.00	158.50	151.00
Typists, Class A	116	38.00	184.50	178.50
Class B	517	38.50	152.50	147.50
Clerks, File 3/	361	38.00	143.00	136.00
Class B	95	38.50	154.50	147.50
Class C	253	37.50	134.50	131.50
Messengers	96	38.50	164.00	149.50
Switchboard Operator-Receptionists	172	39.00	174.50	175.50
Switchboard Operator	110	38.50	174.50	169.00
Clerks, Order	284	39.00	213.50	216.50
Clerks, Order, Class A	178	39.50	227.50	223.00
Class B	106	38.00	190.50	175.00
Clerks, Accounting	1,635	38.50	193.00	175.00
Clerks, Accounting, Class A	114	37.50	255.00	275.00
Class B	415	38.00	212.00	185.00
Class C	738	38.50	188.00	175.00
Class D	368	38.50	163.50	155.00
Clerks, Payroll	167	38.00	221.00	209.00
Key Entry Operators	683	39.00	179.50	170.00
Key Entry Operators, Class A	332	39.00	187.50	183.00
Class B	351	39.00	172.00	164.50
PROFESSIONAL AND TECHNICAL				
Computer Systems Analysts, Business	306	38.00	427.50	414.00
Computer Systems Analysts, Business, Class A	126	37.50	463.00	445.50
Class B	125	38.00	418.00	409.50
Class C	55	38.50	367.00	364.00
Computer Programmers, Business	374	38.50	309.50	310.00
Computer Programmers, Business, Class A	83	39.00	366.00	370.00
Class B	216	38.00	311.50	310.00
Class C	75	38.00	240.50	240.00
Computer Operators	391	38.50	231.50	222.50
Computer Operators, Class A	75	39.00	263.50	254.00
Class B	223	38.00	234.00	227.00
Class C	93	39.00	198.50	179.00
Drafters 3/	202	39.50	251.00	236.00
Drafters, Class A	25	39.50	351.00	357.50
Class B	55	39.50	270.50	270.50
Class C	74	39.50	245.50	236.00
Class D	45	38.50	186.50	180.00
Electronics Technicians 3/	201	40.00	368.50	397.50
Electronics Technicians, Class A	63	39.50	323.00	318.00
Nurses, Industrial (Registered)	70	38.50	299.50	290.50

Table E-2.

OCCUPATIONAL EARNINGS

(Average straight-time earnings for selected plant occupations, Richmond, Virginia, June 1980)

OCCUPATION MEN AND WOMEN COMBINED	Number of workers	Hourly Earnings Mean 2/	Median 2/
MAINTENANCE AND POWERPLANT			
Carpenters, Maintenance	50	$9.37	$9.86
Electricians, Maintenance	387	10.30	10.05
Painters, Maintenance	41	8.23	9.17
Machinists, Maintenance	360	10.18	11.06
Mechanics, Maintenance	989	10.72	11.76
Mechanics, Automotive (Maintenance)	237	8.34	8.20
Pipefitters, Maintenance	142	10.16	10.05
Engineers, Stationary	55	9.17	9.69
CUSTODIAL AND MATERIAL MOVEMENT			
Truckdrivers 3/	1,676	7.02	6.70
Truckdrivers, Light (Under 1-1/2 tons)	119	4.44	4.00
Truckdrivers, Medium (1-1/2 to 4 tons)	325	7.54	7.99
Truckdrivers, Heavy (Over 4 tons, except trailer type)	493	5.50	5.00
Truckdrivers, Tractor-Trailer	609	8.13	8.00
Shippers	128	6.98	8.17
Receivers	155	5.36	5.18
Shippers and Receivers	93	6.59	6.70
Warehousemen	476	5.81	5.26
Order Fillers	582	5.56	6.48
Packers, Shipping	106	7.12	8.61
Laborers, Material Handling	709	6.00	6.24
Forklift Operators	634	6.83	6.69
Truckers, Power (other than Forklift)	129	5.60	4.28
Guards	865	4.42	3.30
Guards. Class A	79	5.48	4.50
Class B	786	4.31	3.25
Janitors, Porters, and Cleaners	2,804	4.02	3.20

FOOTNOTES

1/ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

2/ The mean is computed for each job by totaling the earnings of all workers and dividing by the number of workers. The median designates position - half of the employees surveyed receive more than the rate shown; half receive less than the rate shown.

3/ May include workers other than those presented separately.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

1/6/81

see for c issue

EMPLOYMENT HOURS AND EARNINGS

VOLUME 30
NUMBER 12

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

DIVISION OF RESEARCH AND STATISTICS

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Explanatory Notes

RECORD LEVELS OF NONFARM EMPLOYMENT CONTINUE IN VIRGINIA

NONAGRICULTURAL EMPLOYMENT REACHED ANOTHER ALL-TIME HIGH IN NOVEMBER 1980 WITH AN ADDITION OF 1,000 WORKERS TO VIRGINIA PAYROLLS. Seasonal pressures are usually prominent during November with both uptrends and downtrends in evidence. Retail trade and construction are good examples of this. Over-the-month increases were recorded by trade, government, manufacturing and finance, while services, construction and mining moved downward. The transportation and public utilities sector remained unchanged between October and November. When comparing averages for the first eleven months of 1979 and 1980, nonagricultural worker totals have advanced 22,500 or 1.1 percent. Although healthy amounts of growth were made by the service-producing industries (trade, finance, transportation and public utilities, services and government), the goods-producing divisions (mining, manufacturing and construction) lag behind last year. Averages and percent changes are as follows:

	Employment Eleven Month Average		Percent Change
	1980	1979	
Nonagricultural	2,118,300	2,095,800	1.1
Manufacturing	410,300	412,800	- .6
Mining	23,900	24,200	- 1.2
Construction	124,600	135,500	- 8.0
Transportation & Public Utilities	114,700	114,200	.4
Wholesale & Retail Trade	445,700	438,400	1.7
Finance, Insurance & Real Estate	105,500	103,200	2.2
Services	386,700	374,600	3.2
Government	506,900	492,900	2.8

MANUFACTURING EMPLOYMENT FOR THE FOURTH CONSECUTIVE MONTH CONTINUED TO MAKE ADVANCES. Since July, when many plants were shut down due to unpaid vacations and lack of work, 29,000 workers have been recalled or rehired. While all is far from well in some areas of manufacturing, this, nevertheless, is a significant boost to the economic well-being of the Commonwealth. Over-the-month changes were generally small, one or two hundered in size, both plus and minus. The effects of the unusually dry weather of last summer were still being felt these chilly November days. Shortages of fruits and vegetables kept the number of seasonal food processors much lower than usual. The lack of peanuts has prompted layoffs unlike any the industry has had in recent years. However, imports from India and China are expected to be arriving in the near future to help ease some of the shortage. Stockpiling of cigarettes in preparation for Christmas vacations, recalls by the chemicals industry and a step-up of printing operations were salient factors in nondurable's rise in employment. An increase in orders for primary metal products and electrical machinery and supplies, as well as new contracts being awarded to shipyards boosted durable goods worker totals.

VIRGINIA'S 317,700 FACTORY PRODUCTION WORKERS EARNED $257.11 IN NOVEMBER - ANOTHER RECORD HIGH. Weekly earnings rose $4.46 over October 1980 and were $25.73 more than for the corresponding period last year. Hourly earnings peaked at $6.46 this month, an eight cents gain over October and 69 cents higher than a year ago. Averaging 39.8 hours, the workweek lengthened by two-

RECORD LEVELS OF NONFARM EMPLOYMENT CONTINUE IN VIRGINIA

(continued from page 1)

tenths of an hour over the month. The average workweek has not been this long since last January. Average weekly earnings in all of the metropolitan areas, except Norfolk, were higher than in October. In Norfolk both the workweek and hourly earnings were down due to a curtailment of overtime at numerous plants in the area. Hourly earnings were up or held steady in all of the other areas. Northern Virginia was the only other place to experience a shorter workweek and this was only a tenth of an hour decline.

TRADE ESTABLISHMENTS WERE PREPARING FOR CHRISTMAS BUYING WITH AN ADDITION OF 3,600 WORKERS TO THEIR PAYROLLS. With fewer shopping days between Thanksgiving and Christmas this year than last, stores in many instances began yule promotions early in November. Warm apparel items and energy saving items were good sellers. Electronic games and expensive jewelry, which is considered an inflation hedge, were also selling well. Merchants have expressed concern that while dollar volumes of sales are up, operating costs have also risen and are eroding profits. High cost of credit buying also hampers consumer spending. Nevertheless, more shopping centers are opening with occupancy rates ahead of schedules. Several new grocery stores also made an appearance this month. Finance and government employment moved upward like trade but to a lesser degree. Government's increases were primarily in local school systems.

FOLLOWING THEIR USUAL NOVEMBER TREND, CONSTRUCTION AND SERVICES EMPLOYMENT MOVED DOWNWARD. Over the month services payrolls slipped 2,700 and construction lost 1,900 workers. Most of services' decline was among tourist-related businesses. The closing of theme parks for the winter greatly reduced worker totals, and off-season staffs have been made smaller than last year. Hotels and motels made layoffs as fewer visitors made use of their facilities. Construction's troubles remain the same - high building costs and high interest rates. Residential building lags well behind last year and little relief is in sight. Also, spending on nonresidential construction is no higher than it was a year ago. Only in repair and renovation work to older homes and buildings does there appear to be any pick up.

THE BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMER PRICE INDEX (U. S. City Average) rose 0.9 percent in November 1980 to 256.2. The index was up by 12.6 percent over the year. The Urban Wage Earners and Clerical Workers Index, at 256.4 (1967=100), was up 0.9 percent over the month and 12.7 percent over the year.

The December 1980 Consumer Price Index data will be released on January 23, 1981 and may be obtained by calling 804-786-4490.

THE PRODUCERS PRICE INDEX FOR ALL COMMODITIES was 278.4 (1967=100) in November 1980. The monthly increase was 0.5 percent. The index for finished goods at 253.2 was up 0.4 percent over the month.

Table B-1.

LABOR FORCE ESTIMATES[1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed[2]			Unemployed			Per Cent of Labor Force		
	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	October 1980	September 1980	October 1979	Oct. 1980	Sept. 1980	Oct. 1979
United States	105,415,000	104,720,000	103,939,000	97,933,000	97,256,000	98,158,000	7,482,000	7,464,000	5,781,000	7.1	7.1	5.6
Virginia	2,533,000	2,533,600	2,492,900	2,404,700	2,397,200	2,383,200	128,300	136,400	109,700	5.1	5.4	4.4
Bristol Area	39,900	39,430	38,210	37,560	37,110	36,450	2,340	2,320	1,760	5.9	5.9	4.6
Lynchburg SMSA	77,710	78,150	77,460	73,820	73,560	74,320	3,890	4,590	3,140	5.0	5.9	4.0
Newport News-Hampton SMSA	170,770	170,760	161,300	161,570	161,180	153,120	9,200	9,580	8,180	5.4	5.6	5.1
Norfolk-Virginia Beach-Portsmouth SMSA	329,560	329,480	325,350	310,400	309,640	308,190	19,160	19,840	17,160	5.8	6.0	5.3
Northern Virginia Area	570,300	569,700	553,100	551,100	549,800	535,400	19,200	19,900	17,700	3.4	3.5	3.2
Petersburg-Colonial Heights-Hopewell SMSA	60,770	61,220	57,710	56,940	57,100	54,690	3,830	4,120	3,020	6.3	6.7	5.2
Richmond SMSA	332,150	332,970	325,770	320,390	319,750	315,970	11,760	13,220	9,800	3.5	4.0	3.0
Roanoke SMSA	112,780	112,880	110,920	107,540	106,970	105,170	5,240	5,910	5,750	4.6	5.2	5.2

[1] **All data adjusted to a place-of-residence basis**

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL 1/	2,142.4	2,141.4	2,127.8	1.0	14.6
MANUFACTURING	414.2	413.6	419.5	.6	- 5.3
Durable Goods	189.0	188.7	193.3	.3	- 4.3
Lumber and Wood Products	23.7	23.6	24.6	.1	- .9
Millwork, Plywood and Structural Members	6.2	6.2	6.5	0	- .3
Wood Containers	1.8	1.8	1.8	0	0
Wood Buildings and Mobile Homes	3.3	3.3	3.4	0	- .1
Miscellaneous Wood Products	2.0	2.0	2.2	0	- .2
Furniture and Fixtures	25.6	25.6	27.5	0	- 1.9
Household and Office Furniture	24.0	23.9	26.1	.1	- 2.1
Stone, Clay and Glass Products	12.7	12.6	13.2	.1	- .5
Structural Clay Products	.9	.9	1.0	0	- .1
Concrete Gypsum and Plaster Products	7.3	7.2	7.7	.1	- .4
Glass and Glass Products	1.7	1.7	1.7	0	0
Primary Metal Industries	12.0	11.9	13.7	.1	- 1.7
Fabricated Metal Products	20,4	20.5	21.3	- .1	- .9
Fabricated Structural Metal Products	12.9	13.0	13.4	- .1	- .5
Machinery, except Electrical	15.3	15.4	15.5	- .1	- .2
Construction and Related Machinery	4.6	4.7	4.8	- .1	- .2
Special Industry Machinery	2.4	2.5	2.5	- .1	- .1
Refrigeration and Service Machinery	1.9	1.9	2.1	0	- .2
Electric and Electronic Equipment	33.3	33.2	33.4	.1	- .1
Communication Equipment	11.4	11.4	11.4	0	0
Electronic Components and Accessories	5.3	5.3	5.4	0	- .1
Transportation Equipment	38.4	38.3	36.5	.1	1.9
Instruments and Related Products	4.1	4.1	3.8	0	.3
Miscellaneous Manufacturing Industries	3.5	3.5	3.8	0	- .3
Nondurable Goods	225.2	224.9	226.2	.3	- 1.0
Food and Kindred Products	42.7	42.9	43.9	- .2	- 1.2
Meat Products	13.4	13.3	13.3	.1	.1
Dairy Products	2.7	2.7	2.5	0	.2
Preserved Fruits and Vegetables	4.3	4.1	5.9	.2	- 1.6
Bakery Products	5.0	5.0	5.1	0	- .1
Beverages	5.7	5.8	5.6	- .1	.1
Tobacco Manufactures	18.0	17.9	16.4	.1	1.6
Cigarettes	14.4	14.2	13.8	.2	.6
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	3.2	3.3	2.2	- .1	1.0
Textile Mill Products	44.6	44.7	45.1	- .1	- .5
Weaving Mills, Cotton, Synthetics and Wool	19.0	19.0	18.8	0	.2
Narrow Fabric Mills	1.2	1.2	1.3	0	- .1
Knitting Mills	14.1	13.9	13.3	.2	.8
Textile Finishing, except Wool	4.7	4.7	5.2	0	- .5
Yarn and Thread Mills	2.9	3.0	3.3	- .1	- .4
Miscellaneous Textile Goods	1.2	1.2	1.4	0	- .2
Apparel and Other Textile Products	34.3	34.3	34.9	0	- .6
Men's and Boys' Suits, Coats and Furnishings	13.5	13.4	13.3	.1	.2
Women's and Children's Outerwear & Undergarments	17.0	17.1	17.6	- .1	- .6
Miscellaneous Fabricated Textile Products	1.7	1.7	1.8	0	- .1
Paper and Allied Products	14.6	14.5	14.6	.1	0
Pulp, Paper and Paperboard	7.6	7.6	7.6	0	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.1	6.1	6.3	0	- .2
Miscellaneous Converted Paper Products	2.3	2.4	2.7	- .1	- .4
Paperboard Containers and Boxes	3.8	3.7	3.6	.1	.2
Printing and Publishing	22.2	22.0	21.5	.2	.7
Newspapers and Periodicals	8.4	8.4	8.2	0	.2
Commercial Printing	8.3	8.2	8.1	.1	.2
Chemicals and Allied Products	33.2	33.0	33.7	.2	- .5
Industrial Inorganic Chemicals	.8	.8	.9	0	- .1
Plastics Materials and Synthetics	19.8	19.5	20.7	.3	- .9
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.6	1.6	1.6	0	0
Miscellaneous Chemical Products	3.4	3.4	3.1	0	.3
Petroleum, Rubber and Misc. Plastics Products	12.0	12.0	12.5	0	- .5
Miscellaneous Plastics Products	5.6	5.7	5.8	- .1	- .2
Rubber and Rubber Products	6.0	6.0	6.3	0	- .3
Leather and Leather Products	3.6	3.6	3.6	0	0

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
(Continued from page 4)					
NONMANUFACTURING	1,728.2	1,727.8	1,708.3	.4	19.9
Mining	23.8	23.9	23.6	- .1	.2
Bituminous Coal and Lignite Mining	20.8	20.8	20.0	0	.8
Construction	123.3	125.2	136.9	- 1.9	- 13.6
Transportation and Public Utilities	115.4	115.4	114.9	0	.5
Railroad Transportation	14.0	14.0	14.5	0	- .5
Trucking and Warehousing	29.7	29.7	30.0	0	- .3
Transportation by Air	10.8	10.8	11.6	0	- .8
Communication	29.3	29.3	27.6	0	1.7
Electric, Gas and Sanitary Services	16.7	16.6	15.7	.1	1.0
Wholesale and Retail Trade	457.0	453.4	452.0	3.6	5.0
Wholesale	106.6	106.7	104.6	- .1	2.0
Wholesale Trade Durable Goods	64.0	64.1	64.1	- .1	- .1
Wholesale Trade Nondurable Goods	42.6	42.6	40.5	0	2.1
Retail	350.4	346.7	347.4	3.7	3.0
General Merchandise Stores	58.7	56.4	61.1	2.3	- 2.4
Department Stores	42.8	41.2	46.7	1.6	- 3.9
Variety Stores	9.3	9.0	9.6	.3	- .3
Food Stores	55.4	54.7	52.3	.7	3.1
Automotive Dealers and Service Stations	46.5	46.7	47.5	- .2	- 1.0
Furniture and Home Furnishings Stores	15.6	15.4	16.1	.2	- .5
Miscellaneous Retail	44.1	44.1	43.7	0	.4
Finance, Insurance and Real Estate	106.0	105.9	104.3	.1	1.7
Banking	30.9	30.9	30.8	0	.1
Insurance Carriers	20.0	20.0	19.6	0	.4
Real Estate	23.2	23.4	23.3	- .2	- .1
Services	390.2	392.9	375.9	- 2.7	14.3
Personal Services	24.8	24.6	23.7	.2	1.1
Business Services	77.6	77.2	74.2	.4	3.4
Auto and Miscellaneous Repair Service	18.7	18.6	18.2	.1	.5
Health Services	102.4	102.2	98.5	.2	3.9
Government	512.5	511.1	500.7	1.4	11.8
Federal Government	153.8	153.9	153.5	- .1	.3
State and Local Government	358.7	357.2	347.2	1.5	11.5
State Government	119.3	119.0	118.8	.3	.5
Local Government	239.4	238.2	228.4	1.2	11.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1979

JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.5	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1976:									
January	1,778.8	378.2	21.1	100.5	102.6	370.4	82.6	295.6	427.8
February	1,782.6	380.2	21.0	100.9	102.6	366.2	82.6	298.9	430.2
March	1,796.6	382.0	21.1	104.1	102.8	369.5	83.1	301.6	432.4
April	1,826.1	384.7	21.6	111.0	104.2	377.8	85.0	309.9	431.9
May	1,843.2	384.2	21.7	114.5	105.6	383.7	86.0	313.6	433.9
June	1,870.9	388.7	22.1	117.1	108.6	387.7	88.1	321.9	436.7
July	1,870.6	386.8	22.0	119.2	107.9	390.3	89.0	321.9	433.5
August	1,874.6	390.7	21.8	119.5	108.1	391.1	89.0	321.8	432.6
September	1,878.1	393.4	22.1	116.4	107.3	393.6	87.9	318.7	438.7
October	1,878.9	393.7	22.1	115.1	105.3	396.0	87.2	319.5	440.0
November	1,884.1	396.2	22.1	113.4	104.9	402.1	87.2	315.3	442.9
December	1,893.1	395.5	22.2	109.8	106.4	411.8	87.8	314.9	444.7
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2.092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.4	414.2	23.8	123.3	115.4	457.0	106.0	390.2	512.5
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL 1/	898.5	896.7	883.6	1.8	14.9
MANUFACTURING	145.7	145.6	147.7	.1	- 2.0
Durable Goods	45.0	44.8	46.1	.2	- 1.1
Lumber and Wood Products	4.2	4.2	4.3	0	- .1
Furniture and Fixtures	8.7	8.7	9.4	0	- .7
Stone, Clay and Glass Products	1.4	1.3	1.5	.1	- .1
Primary Metal Industries	2.0	2.0	2.1	0	- .1
Fabricated Metal Products	3.4	3.4	3.6	0	- .2
Machinery, except Electrical	2.4	2.5	2.4	- .1	0
Electric and Electronic Equipment	15.0	14.8	15.0	.2	0
Transportation Equipment	5.1	5.1	5.0	0	.1
Instruments and Related Products	1.7	1.7	1.5	0	.2
Miscellaneous Manufacturing Industries	1.1	1.1	1.3	0	- .2
Nondurable Goods	100.7	100.8	101.6	- .1	- .9
Food and Kindred Products	15.5	15.6	15.9	- .1	- .4
Tobacco Manufactures	5.9	5.9	5.6	0	.3
Textile Mill Products	24.6	24.6	24.4	0	.2
Apparel and Other Textile Products	30.6	30.7	31.4	- .1	- .8
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.7	7.7	7.7	0	0
Chemicals and Allied Products	8.5	8.4	8.6	.1	- .1
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.8	0	- .1
Leather and Leather Products	2.7	2.7	2.7	0	0
NONMANUFACTURING	752.8	751.1	735.9	1.7	16.9
Mining	.6	.6	.6	0	0
Construction	7.6	7.7	8.1	- .1	- .5
Transportation and Public Utilities	28.3	28.3	27.6	0	.7
Wholesale and Retail Trade	188.7	186.7	188.0	2.0	.7
Wholesale Trade	20.6	20.7	20.6	- .1	0
Retail Trade	168.1	166.0	167.4	2.1	.7
Finance, Insurance and Real Estate	60.7	60.5	59.0	.2	1.7
Services	216.0	217.8	209.0	- 1.8	7.0
Government	250.9	249.5	243.6	1.4	7.3
Federal Government	55.1	55.0	53.3	.1	1.8
State and Local Government	195.8	194.5	190.3	1.3	5.5

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
MANUFACTURING	317.7	317.1	323.6	.6	-5.9
Durable Goods	143.0	142.5	146.8	.5	-3.8
Lumber and Wood Products	20.1	20.0	20.9	.1	-.8
Millwork, Plywood and Structural Members	5.1	5.1	5.4	0	-.3
Wood Containers	1.6	1.6	1.7	0	-.1
Wood Buildings and Mobile Homes	2.4	2.4	2.4	0	0
Miscellaneous Wood Products	1.8	1.8	2.0	0	-.2
Furniture and Fixtures	21.6	21.5	23.0	.1	-1.4
Household and Office Furniture	20.5	20.4	22.0	.1	-1.5
Stone, Clay and Glass Products	10.0	9.9	10.7	.1	-.7
Structural Clay Products	.8	.8	.8	0	0
Concrete Gypsum and Plaster Products	5.8	5.7	6.3	.1	-.5
Glass and Glass Products	1.3	1.3	1.4	0	-.1
Primary Metal Industries	6.5	6.5	8.0	0	-1.5
Fabricated Metal Products	13.3	13.3	14.1	0	-.8
Fabricated Structural Metal Products	7.6	7.6	8.0	0	-.4
Machinery, except Electrical	10.7	10.8	10.9	-.1	-.2
Construction and Related Machinery	2.8	2.9	3.0	-.1	-.2
Special Industry Machinery	1.5	1.5	1.6	0	-.1
Refrigeration and Service Machinery	1.2	1.2	1.4	0	-.2
Electric and Electronic Equipment	22.5	22.3	22.6	.2	-.1
Communication Equipment	7.1	7.0	7.2	.1	-.1
Electronic Components and Accessories	3.4	3.4	3.5	0	-.1
Transportation Equipment	33.2	33.0	31.3	.2	1.9
Instruments and Related Products	2.4	2.5	2.3	-.1	.1
Miscellaneous Manufacturing Industries	2.7	2.7	3.0	0	-.3
Nondurable Goods	174.7	174.6	176.8	.1	-2.1
Food and Kindred Products	31.1	31.4	32.6	-.3	-1.5
Meat Products	11.5	11.5	11.6	0	-.1
Dairy Products	1.3	1.4	1.2	-.1	.1
Preserved Fruits and Vegetables	3.5	3.4	5.2	.1	-1.7
Bakery Products	2.5	2.5	2.6	0	-.1
Beverages	2.3	2.4	2.2	-.1	.1
Tobacco Manufactures	13.4	13.3	12.0	.1	1.4
Cigarettes	10.6	10.4	10.2	.2	.4
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	2.5	2.6	1.5	-.1	1.0
Textile Mill Products	40.0	40.1	40.3	-.1	-.3
Weaving Mills, Cotton, Synthetics and Wool	16.6	16.6	16.5	0	.1
Narrow Fabric Mills	1.1	1.1	1.2	0	-.1
Knitting Mills	13.0	12.8	12.1	.2	.9
Textile Finishing, except Wool	4.3	4.4	4.8	-.1	-.5
Yarn and Thread Mills	2.6	2.7	3.1	-.1	-.5
Miscellaneous Textile Goods	1.1	1.1	1.2	0	-.1
Apparel and Other Textile Products	31.1	31.3	31.7	-.2	-.6
Men's and Boys' Suits, Coats and Furnishings	12.3	12.3	12.1	0	.2
Women's and Children's Outerwear & Undergarments	15.6	15.8	16.1	-.2	-.5
Miscellaneous Fabricated Textile Products	1.3	1.4	1.5	-.1	-.2
Paper and Allied Products	10.9	10.9	11.1	0	-.2
Pulp, Paper and Paperboard	5.3	5.3	5.4	0	-.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.1	5.1	5.2	0	-.1
Miscellaneous Converted Paper Products	2.1	2.1	2.3	0	-.2
Paperboard Containers and Boxes	3.0	3.0	2.9	0	.1
Printing and Publishing	13.1	12.8	13.0	.3	.1
Newspapers and Periodicals	3.0	2.9	3.0	.1	0
Commercial Printing	6.4	6.2	6.3	.2	.1
Chemicals and Allied Products	22.8	22.5	23.2	.3	-.4
Industrial Inorganic Chemicals	.4	.4	.5	0	-.1
Plastics Materials and Synthetics	14.6	14.3	15.2	.3	-.6
Drugs	1.3	1.2	1.2	.1	.1
Agricultural Chemicals	1.0	1.0	1.0	0	0
Miscellaneous Chemical Products	2.3	2.3	2.0	0	.3
Petroleum, Rubber and Misc. Plastics Products	9.1	9.1	9.6	0	-.5
Miscellaneous Plastics Products	4.1	4.1	4.3	0	-.2
Rubber and Rubber Products	4.7	4.7	5.1	0	-.4
Leather and Leather Products	3.2	3.2	3.3	0	-.1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL	28.9	28.8	28.9	.1	0
MANUFACTURING	9.3	9.4	9.8	- .1	- .5
Durable Goods	4.5	4.6	5.3	- .1	- .8
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.5	0	- .2
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.1	2.3	0	- .2
Other Durable Goods 1/	1.8	1.9	2.2	- .1	- .4
Nondurable Goods	4.8	4.8	4.5	0	.3
Food and Kindred Products	1.6	1.6	1.6	0	0
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.8	0	.3
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	19.6	19.4	19.1	.2	.5
Construction	1.4	1.3	1.4	.1	0
Transportation & Public Utilities	1.2	1.1	1.1	.1	.1
Trade	6.8	6.8	7.0	0	- .2
Wholesale Trade	1.7	1.8	1.8	- .1	- .1
Retail Trade	5.1	5.0	5.2	.1	- .1
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.8	3.6	0	.2
Government	5.4	5.4	5.0	0	.4
State and Local Government	5.1	5.0	4.7	.1	.4

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL	72.5	72.4	74.3	.1	- 1.8
MANUFACTURING	29.0	29.0	30.0	0	- 1.0
Durable Goods	18.5	18.5	19.8	0	- 1.3
Lumber and Wood Products and Furniture and Fixtures	4.0	4.0	4.4	0	- .4
Other Durable Goods 1/	14.5	14.5	15.4	0	- .9
Nondurable Goods	10.5	10.5	10.2	0	.3
Food and Kindred Products	1.6	1.6	1.3	0	.3
Textile Mill Products	1.7	1.7	1.7	0	0
Apparel & Other Textile Products	2.6	2.5	2.5	.1	.1
Paper and Allied Products	1.0	1.1	1.0	- .1	0
Other Nondurable Goods 2/	3.6	3.6	3.7	0	- .1
NONMANUFACTURING	43.5	43.4	44.3	.1	- .8
Construction	3.8	3.8	3.6	0	.2
Transportation and Public Utilities	2.7	2.7	2.8	0	- .1
Wholesale and Retail Trade	11.7	11.7	12.9	0	- 1.2
Wholesale Trade	2.1	2.2	2.3	- .1	- .2
Retail Trade	9.6	9.5	10.6	.1	- 1.0
Finance, Insurance and Real Estate	3.7	3.7	3.6	0	.1
Services and Mining	11.1	11.1	11.0	0	.1
Government	10.5	10.4	10.4	.1	.1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL	154.6	155.2	149.1	- .6	5.5
MANUFACTURING	35.8	35.9	33.8	- .1	2.0
Durable Goods	29.5	29.4	27.6	.1	1.9
Stone, Clay & Glass Products	.5	.5	.3	0	.2
Transportation Equipment	25.4	25.3	23.1	.1	2.3
Other Durable Goods 1/	3.6	3.6	4.2	0	- .6
Nondurable Goods	6.3	6.5	6.2	- .2	.1
Food & Kindred Products	2.8	2.9	2.6	- .1	.2
Textile Mill Products & Apparel & Other Textile Products	.5	.6	.7	- .1	- .2
Printing and Publishing	1.2	1.2	1.1	0	.1
Other Nondurable Goods 2/	1.8	1.8	1.8	0	0
NONMANUFACTURING	118.8	119.3	115.3	- .5	3.5
Construction	7.1	7.2	7.7	- .1	- .6
Transportation and Public Utilities	5.3	5.2	5.0	.1	.3
Wholesale and Retail Trade	29.4	29.0	28.6	.4	.8
Wholesale Trade	3.3	3.4	3.4	- .1	- .1
Retail Trade	26.1	25.6	25.2	.5	.9
Finance, Insurance and Real Estate	5.0	5.0	5.1	0	- .1
Services and Mining	28.8	29.6	27.0	- .8	1.8
Government	43.2	43.3	41.9	- .1	1.3
Federal Government	17.0	17.1	16.9	- .1	.1
State and Local Government	26.2	26.2	25.0	0	1.2

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL	285.1	285.0	286.8	.1	- 1.7
MANUFACTURING	29.3	29.6	30.5	- .3	- 1.2
Durable Goods	17.9	17.8	18.2	.1	- .3
Lumber & Wood Products	1.6	1.6	1.8	0	- .2
Stone, Clay and Glass Products	1.8	1.8	1.6	0	.2
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.2	1.2	1.1	0	.1
Transportation Equipment	7.8	7.7	8.1	.1	- .3
Other Durable Goods 1/	4.5	4.5	4.5	0	0
Nondurable Goods	11.4	11.8	12.3	- .4	- .9
Food and Kindred Products	5.3	5.7	6.0	- .4	- .7
Apparel & Other Textile Products	.9	.9	.9	0	0
Printing and Publishing	2.4	2.4	2.4	0	0
Chemicals and Allied Products	1.3	1.3	1.5	0	- .2
Agricultural Chemicals	.7	.7	.7	0	0
Other Nondurable Goods 2/	1.5	1.5	1.5	0	0
NONMANUFACTURING	255.8	255.4	256.3	.4	- .5
Construction	15.8	15.9	17.8	- .1	- 2.0
Transportation & Public Utilities	18.6	19.0	18.9	- .4	- .3
Railroads	1.5	1.5	1.5	0	0
Wholesale and Retail Trade	70.1	69.3	70.3	.8	- .2
Wholesale Trade	14.7	14.6	15.0	.1	- .3
Retail Trade	55.4	54.7	55.3	.7	.1
Finance, Insurance & Real Estate	14.4	14.5	14.5	- .1	- .1
Banking	4.4	4.4	4.3	0	.1
Insurance Carriers and Agents	3.0	3.0	3.1	0	- .1
Services and Mining	55.7	55.8	53.0	- .1	2.7
Personal Services	3.9	3.9	4.2	0	- .3
Government	81.2	80.9	81.8	.3	- .6
Federal Government	36.6	36.3	37.1	.3	- .5
State & Local Government	44.6	44.6	44.7	0	- .1

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL	435.3	433.3	430.5	2.0	4.8
MANUFACTURING	17.2	17.1	16.9	.1	.3
Durable Goods	10.1	10.1	10.2	0	- .1
Stone, Clay and Glass Products	1.0	1.0	1.2	0	- .2
Fabricated Metal Products	1.1	1.1	1.2	0	- .1
Machinery, except Electrical	.6	.6	.7	0	- .1
Electric and Electronic Equipment	5.3	5.3	5.1	0	.2
Other Durable Goods 1/	2.1	2.1	2.0	0	.1
Nondurable Goods	7.1	7.0	6.7	.1	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.5	4.5	4.4	0	.1
Other Nondurable Goods 2/	1.5	1.4	1.2	.1	.3
NONMANUFACTURING	418.1	416.2	413.6	1.9	4.5
Mining	.4	.4	.4	0	0
Construction	27.6	27.7	30.0	- .1	- 2.4
Transportation & Public Utilities	29.3	29.3	29.0	0	.3
Transportation By Air	8.4	8.4	9.1	0	- .7
Electric, Gas & Sanitary Service	3.6	3.6	3.4	0	.2
Wholesale and Retail Trade	100.1	98.8	100.6	1.3	- .5
Wholesale Trade	18.4	18.2	18.5	.2	- .1
Retail Trade	81.7	80.6	82.1	1.1	- .4
General Merchandise Stores	13.1	12.2	14.3	.9	- 1.2
Food Stores	9.2	9.2	9.0	0	.2
Auto. Dealers & Service Stations	12.1	12.3	12.0	- .2	.1
Apparel & Accessory Stores	5.5	5.3	5.1	.2	.4
Eating & Drinking Places	22.8	23.1	23.0	- .3	- .2
Finance, Insurance & Real Estate	27.0	27.0	26.6	0	.4
Banking	6.0	6.0	5.8	0	.2
Services	114.0	113.4	109.7	.6	4.3
Business Services	40.3	40.1	38.7	.2	1.6
Government	119.7	119.6	117.3	.1	2.4
Federal Government	67.6	67.6	66.6	0	1.0
State and Local Government	52.1	52.0	50.7	.1	1.4

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL	47.1	47.5	46.7	- .4	.4
MANUFACTURING	11.8	11.8	12.0	0	- .2
Durable Goods	2.7	2.8	2.7	- .1	0
Lumber and Wood Products and Furniture & Fixtures	.5	.5	.6	0	- .1
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.2	0	0
Other Durable Goods 1/	1.8	1.9	1.7	- .1	.1
Nondurable Goods	9.1	9.0	9.3	.1	- .2
Food and Kindred Products	.4	.3	.4	.1	0
Textile Mill Products and Apparel & Other Textile Products	1.2	1.2	1.0	0	.2
Chemicals and Allied Products	3.5	3.5	3.7	0	- .2
Other Nondurable Goods 2/	4.0	4.0	4.2	0	- .2
NONMANUFACTURING	35.3	35.7	34.7	- .4	.6
Construction	2.6	2.8	2.3	- .2	.3
Transportation and Public Utilities	1.5	1.5	1.6	0	- .1
Wholesale and Retail Trade	8.1	8.0	8.3	.1	- .2
Wholesale Trade	1.2	1.3	1.2	- .1	0
Retail Trade	6.9	6.7	7.1	.2	- .2
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.3	6.3	5.8	0	.5
Government	15.5	15.8	15.4	- .3	.1
Federal Government	5.0	5.4	5.5	- .4	- .5
State and Local Government	10.5	10.4	9.9	.1	.6

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL	328.0	326.8	328.3	1.2	- .3
MANUFACTURING	56.3	55.9	56.0	.4	.3
Durable Goods	17.7	17.7	18.3	0	- .6
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.3	2.3	2.3	0	0
Stone, Clay & Glass Products	1.3	1.3	1.3	0	0
Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.8	1.8	2.0	0	- .2
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.1	8.1	8.4	0	- .3
Nondurable Goods	38.6	38.2	37.7	.4	.9
Food & Kindred Products	4.2	4.3	4.4	- .1	- .2
Bakery Products	1.8	1.8	2.0	0	- .2
Tobacco Manufactures	13.0	12.7	12.0	.3	1.0
Cigarettes	11.9	11.6	11.0	.3	.9
Tobacco Stemming & Redrying	.6	.6	.6	0	0
Apparel & Other Textile Products	2.2	2.2	2.4	0	- .2
Paper & Allied Products	4.2	4.2	4.2	0	0
Printing and Publishing	5.2	5.1	5.1	.1	.1
Commercial Printing	2.9	2.9	2.9	0	0
Chemicals & Allied Products	7.8	7.7	7.7	.1	.1
Other Nondurable Goods 2/	2.0	2.0	1.9	0	.1
NONMANUFACTURING	271.7	270.9	272.3	.8	- .6
Mining	.4	.4	.4	0	0
Construction	16.4	16.5	18.8	- .1	- 2.4
Transportation & Public Utilities	19.8	19.8	19.6	0	.2
Wholesale & Retail Trade	74.0	72.9	75.4	1.1	- 1.4
Wholesale Trade	22.1	22.1	22.1	0	0
Retail Trade	51.9	50.8	53.3	1.1	- 1.4
General Merchandise Stores	10.4	10.0	11.9	.4	- 1.5
Food Stores	7.5	7.2	7.2	.3	.3
Auto Dealers & Service Stations	5.6	5.6	5.9	0	- .3
Finance, Insurance & Real Estate	26.8	26.8	26.8	0	0
Insurance Carriers	10.5	10.5	10.4	0	.1
Services	59.4	60.0	57.0	- .6	2.4
Government	74.9	74.5	74.3	.4	.6
Federal Government	7.8	7.8	8.1	0	- .3
State & Local Government	67.1	66.7	66.2	.4	.9

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1980	October 1980	November 1979	October 1980	November 1979
NONAGRICULTURAL	105.7	105.2	105.4	.5	.4
MANUFACTURING	21.1	21.0	20.8	.1	.4
Durable Goods	12.4	12.3	12.1	.1	.3
Furniture & Fixtures	1.4	1.4	1.5	0	- .1
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.3	1.3	1.3	0	0
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.8	6.7	6.3	.1	.5
Nondurable Goods	8.7	8.7	8.7	0	.1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.7	1.8	1.8	- .1	0
Apparel & Other Textile Products	1.6	1.5	1.7	.1	- .1
Printing and Publishing	.9	1.0	.9	- .1	0
Other Nondurable Goods 2/	2.6	2.5	2.4	.1	.2
NONMANUFACTURING	84.6	84.2	84.6	.4	0
Mining	.1	.1	.1	0	0
Construction	6.0	6.5	6.5	- .5	- .5
Transportation & Public Utilities	9.9	9.9	10.2	0	- .3
Wholesale & Retail Trade	26.1	25.6	26.5	.5	- .4
Wholesale Trade	7.3	7.3	7.5	0	- .2
Retail Trade	18.8	18.3	19.0	.5	- .2
Finance, Insurance & Real Estate	6.2	6.2	6.1	0	.1
Services	19.9	19.9	19.5	0	.4
Government	16.4	16.0	15.7	.4	.7
Federal Government	3.4	3.2	3.2	.2	.2
State & Local Government	13.0	12.8	12.5	.2	.5

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
MANUFACTURING	$257.11	$252.65	$231.38	39.8	39.6	40.1	$6.46	$6.38	$5.77
Durable Goods	261.14	257.92	235.17	40.3	40.3	40.2	6.48	6.40	5.85
Lumber and Wood Products	188.71	185.27	164.50	38.2	38.2	36.8	4.94	4.85	4.47
Furniture and Fixtures	173.31	172.53	167.69	39.3	39.3	40.8	4.41	4.39	4.11
Household and Office Furniture	172.82	171.65	166.05	39.1	39.1	40.5	4.42	4.39	4.10
Stone, Clay and Glass Products	234.72	230.80	228.10	40.4	40.0	41.7	5.81	5.77	5.47
Structural Clay Products	207.97	200.38	202.10	41.1	40.4	41.5	5.06	4.96	4.87
Glass and Glass Products	234.63	232.62	245.53	39.7	38.9	41.9	5.91	5.98	5.86
Primary Metal Industries	338.30	310.27	277.14	39.8	38.4	39.2	8.50	8.08	7.07
Fabricated Metal Products	1) 328.02	1) 305.70	295.53	42.6	41.2	41.8	1) 7.70	1) 7.42	7.07
Fabricated Structural Metal Products	1) 346.21	1) 305.65	293.08	44.5	42.1	43.1	1) 7.78	1) 7.26	6.80
Machinery, except Electrical	283.72	280.26	265.15	41.0	40.5	41.3	6.92	6.92	6.42
Construction and Related Machinery	281.91	295.06	264.86	39.1	41.5	41.0	7.21	7.11	6.46
Special Industry Machinery	310.43	285.31	285.34	40.9	38.4	41.9	7.59	7.43	6.81
Refrigeration and Service Machinery	325.06	279.03	287.33	48.3	42.6	43.8	6.73	6.55	6.56
Electric and Electronic Equipment	266.64	267.24	240.57	40.4	40.8	40.5	6.60	6.55	5.94
Communication Equipment	291.21	285.93	264.96	40.9	40.5	40.7	7.12	7.06	6.51
Instruments and Related Products	211.73	212.00	214.13	40.1	40.0	41.1	5.28	5.30	5.21
Miscellaneous Manufacturing Industries	211.23	208.12	191.07	38.9	38.9	38.6	5.43	5.35	4.95
Nondurable Goods	254.78	247.50	228.00	39.5	39.1	40.0	6.45	6.33	5.70
Food and Kindred Products	238.12	218.69	198.50	39.1	38.3	38.1	6.09	5.71	5.21
Tobacco Manufactures	426.56	393.82	317.26	43.0	40.6	42.7	9.92	9.70	7.43
Cigarettes	483.34	442.80	340.17	43.9	41.5	39.1	11.01	10.67	8.70
Textile Mill Products	203.41	204.46	202.92	40.2	39.7	42.1	5.06	5.15	4.82
Weaving Mills, Cotton, Synthetics and Wool	229.08	227.98	228.14	41.5	41.3	44.3	5.52	5.52	5.15
Knitting Mills	183.26	175.78	171.39	38.1	37.4	39.4	4.81	4.70	4.35
Yarn and Thread Mills	185.95	185.12	172.22	41.6	41.6	41.2	4.47	4.45	4.18
Miscellaneous Textile Goods	214.24	211.86	195.78	41.2	40.9	39.0	5.20	5.18	5.02
Apparel and Other Textile Products	146.43	148.97	142.82	34.7	35.3	37.0	4.22	4.22	3.86
Men's and Boys' Suits, Coats and Furnishings	154.07	155.30	142.03	35.5	36.2	36.7	4.34	4.29	3.87
Women's and Children's Outerwear & Undergarments	139.28	144.48	138.34	33.4	34.4	36.5	4.17	4.20	3.79
Paper and Allied Products	349.80	344.16	314.22	44.0	43.4	43.4	7.95	7.93	7.24
Pulp, Paper and Paperboard	423.20	416.29	377.40	45.9	45.2	44.4	9.22	9.21	8.50
Misc. Converted Paper and Paperboard Products, Containers and Boxes	279.42	273.37	248.39	42.4	41.8	42.1	6.59	6.54	5.90
Printing and Publishing	290.30	286.12	282.17	37.8	38.2	40.6	7.68	7.49	6.95
Newspapers and Periodicals	256.78	261.34	257.18	34.7	35.8	37.6	7.40	7.30	6.84
Chemical and Allied Products	333.24	330.40	319.45	41.5	41.3	42.2	8.03	8.00	7.57
Plastic Materials and Synthetics	333.73	332.91	317.86	41.1	41.1	42.1	8.12	8.10	7.55
Agricultural Chemicals	245.50	256.20	211.55	41.4	42.7	41.4	5.93	6.00	5.11
Leather and Leather Products	133.94	127.45	123.40	37.0	35.6	36.4	3.62	3.58	3.39

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
MANUFACTURING	1) $211.84	1) $207.75	$216.33	38.1	37.5	38.7	1) $5.56	1) $5.54	$5.59
Durable Goods	1) 260.15	1) 257.51	260.01	39.9	39.8	40.5	1) 6.52	1) 6.47	6.42
Fabricated Metal Products	1) 339.20	1) 335.23	354.12	40.0	39.3	39.7	1) 8.48	1) 8.53	8.92
Machinery and Transportation Equipment	240.79	244.22	236.17	39.8	40.5	41.8	6.05	6.03	5.65
Nondurable Goods	162.54	156,55	156.20	36.2	35.1	35.5	4.49	4.46	4.40
Food and Kindred Products	193.20	185.43	184.11	35.0	33.9	36.1	5.52	5.47	5.10
Apparel and Other Textile Products	135.26	133.73	124.08	35.5	35.1	33.0	3.81	3.81	3.76

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,900 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
MANUFACTURING	$256.31	$243.66	$237.01	40.3	38.8	39.7	$6.36	$6.28	$5.97
Durable Goods	1) 265.34	1) 257.28	241.77	1) 39.9	1)39.1	39.7	1) 6.65	1) 6.58	6.09
Lumber and Wood Products and Furniture and Fixtures	166.76	166.57	153.87	37.9	37.6	37.9	4.40	4.43	4.06
Nondurable Goods	240.08	223.30	218.06	40.9	38.5	41.3	5.87	5.80	5.28
Food and Kindred Products	249.57	245.02	235.64	42.3	41.6	43.8	5.90	5.89	5.38
Textile Mill Products	231.50	222.92	234.65	42.4	38.5	45.3	5.46	5.79	5.18
Apparel and Other Textile Products	128.73	121.79	123.10	33.7	31.8	34.1	3.82	3.83	3.61
Paper and Allied Products	494.46	382.28	427.90	60.3	50.3	55.0	8.20	7.60	7.78

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
MANUFACTURING	$284.00	$294.70	$264.04	41.1	42.1	41.0	$6.91	$7.00	$6.44
Durable Goods	299.94	318.75	280.14	41.2	42.5	40.6	7.28	7.50	6.90
Lumber and Wood Products	1) 231.42	1) 219.57	211.68	39.9	39.0	39.2	1) 5.80	1) 5.63	5.40
Stone, Clay, and Glass Products	260.16	223.72	231.66	41.1	37.6	40.5	6.33	5.95	5.72
Fabricated Metal Products	216.93	236.08	221.95	40.7	41.2	40.8	5.33	5.73	5.44
Machinery, except Electrical	247.20	242.40	210.53	41.2	40.0	38.7	6.00	6.06	5.44
Transportation Equipment	377.54	414.32	348.61	43.0	46.5	41.8	8.78	8.91	8.34
Nondurable Goods	252.76	249.26	237.30	40.9	41.2	42.0	6.18	6.05	5.65
Food and Kindred Products	245.76	239.94	215.13	42.3	43.0	40.9	5.81	5.58	5.26
Apparel and Other Textile Products	151.98	155.18	141.69	36.1	36.6	35.6	4.21	4.24	3.98
Chemicals and Allied Products	259.79	252.63	249.22	41.5	40.1	43.8	6.26	6.30	5.69

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,600 production workers.

1) Not comparable with data for prior years.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
MANUFACTURING	$288.40	$285.68	$259.50	40.0	39.9	39.8	$7.21	$7.16	$6.52
Durable Goods	282.49	272.70	257.86	41.0	40.4	40.8	6.89	6.75	6.32
Stone, Clay, and Glass Products	235.52	221.25	225.40	38.8	37.5	39.2	6.07	5.90	5.75
Fabricated Metal Products	297.36	280.55	267.40	42.0	40.6	40.7	7.08	6.91	6.57
Electric and Electronic Equipment	319.28	307.54	280.14	44.1	43.5	42.9	7.24	7.07	6.53
Nondurable Goods	296.45	306.15	267.84	38.5	39.3	39.1	7.70	7.79	6.85
Food and Kindred Products	305.47	301.51	277.54	40.3	40.8	41.3	7.58	7.39	6.72

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
MANUFACTURING	$322.32	$307.20	$286.94	40.8	40.0	40.3	$7.90	$7.68	$7.12
Durable Goods	186.53	191.04	167.18	38.7	39.8	38.7	4.82	4.80	4.32
Lumber and Wood Products and Furniture and Fixtures	156.51	178.22	146.15	33.3	38.0	39.5	4.70	4.69	3.70
Nondurable Goods	364.37	343.60	323.95	41.5	40.0	40.8	8.78	8.59	7.94
Food & Kindred Products	235.40	250.74	177.01	42.8	44.3	39.6	5.50	5.66	4.47
Chemicals & Allied Products	401.12	380.72	382.81	43.6	41.7	43.6	9.20	9.13	8.78

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,300 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
MANUFACTURING	$340.72	$336.61	$297.34	41.5	41.0	40.4	$8.21	$8.21	$7.36
Durable Goods	348.04	312.30	303.02	42.6	41.2	42.8	8.17	7.58	7.08
Lumber and Wood Products	182.19	191.76	181.09	38.6	40.8	39.8	4.72	4.70	4.55
Furniture and Fixtures	196.98	187.16	194.74	42.0	41.5	42.8	4.69	4.51	4.55
Primary Metal Industries	549.54	467.52	408.78	43.0	41.3	41.5	12.78	11.32	9.85
Fabricated Metal Products	565.10	435.05	386.86	50.5	43.9	42.7	11.19	9.91	9.06
Fabricated Structural Metal Products	714.17	519.75	427.49	54.6	46.2	43.4	13.08	11.25	9.85
Nondurable Goods	350.99	346.01	300.40	41.1	40.9	40.0	8.54	8.46	7.51
Food and Kindred Products	1) 234.55	1) 217.56	214.91	38.2	36.2	35.7	1) 6.14	1) 6.01	6.02
Tobacco Manufactures	456.86	453.68	334.77	43.1	42.8	39.2	10.60	10.60	8.54
Cigarettes	466.98	467.41	343.26	43.0	43.0	39.5	10.86	10.87	8.69
Apparel and Other Textile Products	163.94	162.70	166.87	39.6	39.3	41.0	4.14	4.14	4.07
Paper and Allied Products	308.98	305.11	268.96	42.5	42.2	41.0	7.27	7.23	6.56
Printing and Publishing	325.46	308.61	341.12	38.2	38.1	41.6	8.52	8.10	8.20
Chemicals and Allied Products	353.97	358.07	343.61	40.5	41.3	41.2	8.74	8.67	8.34

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,600 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
MANUFACTURING	$247.05	$240.39	$220.71	40.5	39.8	41.1	$6.10	$6.04	$5.37
Durable Goods	259.58	251.74	225.23	41.6	41.0	41.1	6.24	6.14	5.48
Fabricated Metal Products	224.72	223.44	225.41	40.2	39.9	43.6	5.59	5.60	5.17
Fabricated Structural Metal Products	232.30	230.40	227.32	40.4	40.0	43.3	5.75	5.76	5.25
Nondurable Goods	229.71	224.79	214.02	39.0	38.1	41.0	5.89	5.90	5.22
Food and Kindred Products	241.96	245.72	250.88	42.9	43.8	49.0	5.64	5.61	5.12
Textile Mill Products	186.14	167.50	184.42	38.3	36.1	40.8	4.86	4.64	4.52

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,500 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979
Virginia	$257.11	$252.65	$231.38	$204.20	$201.09	$186.22	$223.10	$219.71	$203.58
Bristol Area	211.84	207.75	216.33	172.12	169.14	175.39	188.54	185.35	192.04
Lynchburg SMSA	256.31	243.66	237.01	203.64	194.80	187.47	222.49	212.89	204.93
Norfolk-Virginia Beach-Portsmouth SMSA	284.00	294.70	264.04	222.65	229.91	209.04	243.50	251.62	228.36
Northern Virginia Area	288.40	285.68	259.50	225.64	223.79	205.87	246.84	244.77	224.91
Petersburg-Colonial Heights-Hopewell SMSA	322.32	307.20	286.94	248.07	236.29	224.64	272.08	261.07	245.73
Richmond SMSA	340.72	336.61	297.34	259.83	257.20	231.70	285.49	282.50	253.62
Roanoke SMSA	247.05	240.39	220.71	197.18	192.52	178.58	215.47	210.41	195.44

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	November 1980 2/	October 1980	November 1979	October 1979
NONAGRICULTURAL	2,131.7	2,128.6	2116.1	2110.8
MANUFACTURING	409.7	409.1	415.0	415.9
Durable Goods	187.5	187.6	191.7	192.6
Lumber & Wood Products	23.7	23.4	24.6	24.9
Furniture and Fixtures	25.2	25.5	27.1	27.1
Stone, Clay and Glass Products	12.8	12.5	13.2	13.3
Primary Metal Industries	12.0	11.8	13.7	14.0
Fabricated Metal Products	20.3	20.5	21.2	21.3
Machinery, except Electrical	15.2	15.4	15.5	15.3
Electric and Electronic Equipment	33.0	33.0	33.1	33.3
Transportation Equipment	37.7	37.8	35.8	35.8
Instruments and Related Products	4.1	4.1	3.8	3.8
Nondurable Goods	222.5	221.6	223.4	223.5
Food and Kindred Products	40.9	40.8	42.0	41.6
Tobacco Manufactures	17.2	16.8	15.6	16.4
Textile Mill Products	44.0	44.2	44.5	44.6
Apparel and Other Textile Products	34.1	34.1	34.6	34.6
Paper and Allied Products	14.6	14.5	14.7	14.6
Printing and Publishing	22.0	21.9	21.3	21.1
Chemicals and Allied Products	33.5	33.4	34.0	34.2
Leather and Leather Products	3.7	3.6	3.7	3.7
MINING	24.1	22.8	23.9	22.5
Bituminous Coal and Lignite Mining	21.2	19.8	20.4	19.1
CONTRACT CONSTRUCTION	122.4	121.7	135.8	135.8
TRANSPORTATION & PUBLIC UTILITIES	114.9	116.0	114.5	115.4
Railroad Transportation	13.6	14.0	14.1	14.7
Trucking and Warehousing	29.6	29.5	29.9	29.9
Transportation by Air	10.8	10.7	11.6	11.6
Communication	29.3	29.5	27.6	27.6
Electric, Gas and Sanitary Services	16.8	16.6	15.7	15.7
WHOLESALE AND RETAIL TRADE	448.9	449.8	444.1	440.5
Wholesale Trade	105.8	106.2	103.8	103.0
Retail Trade	343.5	345.0	340.6	338.5
General Merchandise Stores	54.0	55.6	56.3	56.3
Food Stores	54.9	54.9	51.8	51.2
FINANCE, INSURANCE & REAL ESTATE	107.0	106.5	105.3	105.6
Banking	30.9	31.0	30.8	30.6
Insurance Carriers	20.1	20.1	19.7	19.9
SERVICES	395.0	391.3	380.2	376.8
Personal Services	25.3	25.1	24.1	24.1
Business Services	78.1	77.4	74.7	73.6
GOVERNMENT	512.5	512.6	500.7	499.5
Federal Government	154.7	155.0	154.5	154.5
State and Local Government	357.3	357.2	345.7	344.9
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.3	39.2	39.6	39.7
Durable Goods	39.8	39.6	39.7	40.1
Lumber and Wood Products	38.4	37.7	37.0	37.6
Furniture and Fixtures	38.5	37.8	39.9	39.6
Household & Office Furniture	38.4	37.6	39.8	39.4
Stone, Clay & Glass Products	40.0	39.8	41.3	40.8
Primary Metal Industries	39.0	37.5	38.5	39.4
Fabricated Metal Products	42.0	41.0	41.2	42.0
Fabricated Structural Metal Products	44.0	41.6	42.7	43.1
Machinery, except Electrical	40.4	40.5	40.7	40.3
Electric and Electronic Equipment	39.5	40.6	39.6	38.8
Instruments & Related Products	39.1	40.6	40.1	39.6
Miscellaneous Manufacturing Industries	38.2	38.0	37.9	38.0
Nondurable Goods	39.0	38.9	39.5	39.2
Food & Kindred Products	38.6	37.6	37.6	38.6
Tobacco Manufactures	40.3	40.4	40.1	37.4
Cigarettes	41.1	41.3	36.6	37.2
Textile Mill Products	40.2	39.4	42.1	41.3
Weaving Mills, Cotton, Synthetics and Wool	40.8	40.8	43.5	43.0
Knitting Mills	38.4	36.9	39.7	38.2
Apparel & Other Textile Products	34.0	35.0	36.2	35.3
Men's and Boys' Suits, Coats and Furnishings	34.8	35.8	35.9	35.8
Women's and Children's Outerwear & Undergarments	32.4	34.4	35.5	34.4
Paper & Allied Products	43.7	43.0	43.1	43.0
Pulp, Paper and Paperboard	45.2	44.9	43.7	43.7
Printing and Publishing	36.8	37.8	39.5	38.6
Newspapers and Periodicals	33.6	35.9	36.5	35.3
Chemicals & Allied Products	41.2	41.9	41.9	42.2
Plastics Materials & Synthetics	41.1	41.8	42.1	42.2
Agricultural Chemicals	42.1	43.7	42.1	41.6
Leather & Leather Products	37.0	36.6	36.5	36.9

1/ Employment in thousands.

2/ Preliminary

Revised to Dec. 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1979
JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.1	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	403.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	491.6
1976:									
January	1,814.8	379.7	22.9	111.7	102.4	376.7	84.1	306.0	426.0
February	1,824.7	383.8	22.6	115.3	103.0	378.5	84.4	308.2	427.8
March	1,826.9	385.6	22.1	112.4	102.6	379.3	84.6	308.2	429.2
April	1,831.8	389.2	21.8	111.4	103.6	381.5	85.6	309.5	429.1
May	1,835.1	386.8	21.1	111.5	104.2	383.6	85.8	310.7	430.9
June	1,842.1	388.7	20.8	110.5	105.8	384.7	86.2	312.7	431.6
July	1,841.0	387.7	20.7	110.8	105.4	385.7	86.8	312.7	432.3
August	1,844.1	388.0	21.1	110.9	105.7	385.8	86.8	313.0	434.0
September	1,852.0	389.2	21.2	111.1	105.8	386.8	86.8	314.4	435.9
October	1,858.5	389.5	21.2	111.7	104.8	388.0	87.7	318.4	438.4
November	1,864.0	391.8	22.4	112.3	103.7	387.1	88.0	318.7	439.3
December	1,872.9	393.2	23.4	112.3	104.8	386.8	88.4	320.7	439.1
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.[illegible]	113.9	440.1	102.8	374.9	487.1
March	2.096.3	411.1	26.0	135[illegible]	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.[illegible]	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,131.7	409.7	24.1	122.4	114.9	448.9	107.0	395.0	512.5
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

2/12/81

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EMPLOYMENT HOURS AND EARNINGS

VOLUME 31
NUMBER 1

VIRGINIA

BRISTOL

RICHMOND

NORTHERN VIRGINIA

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

ROANOKE

LYNCHBURG

NEWPORT NEWS-HAMPTON

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF RESEARCH AND STATISTICS

JANUARY 1981

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Explanatory Notes

VIRGINIA'S NONFARM EMPLOYMENT HITS ANOTHER ALL-TIME HIGH IN DECEMBER

WITH 2,148,200 PERSONS ON VIRGINIA PAYROLLS DURING DECEMBER 1980, NONAGRICULTURAL EMPLOYMENT FOR THE FOURTH CONSECUTIVE MONTH RECORDED ALL-TIME HIGHS IN WORKER TOTALS. The over-the-month increment of 5,400 was quite a tidy advance and the over-the-year rise of 20,100 displayed a very positive boost for the economy of the state. Seasonal increases in retail trade and additional personnel being used by school systems across the state account for much of the monthly rise. Gains were also posted in finance and transportation, but these were minimal. Job totals would have been even higher if construction, services, manufacturing and mining could have maintained last month's employment levels. A look at the final quarter of the year will reveal establishment workforces grew by 12,000 - a much better performance than was experienced during the fourth quarter of 1979.

TRADE PAYROLLS SWELLED BY 6,700 BETWEEN NOVEMBER AND DECEMBER AND REACHED 464,600 - A PEAK FOR THE INDUSTRY. With most consumers talking about money, how to stretch it or how to beat rising prices and interest rates, many merchants were concerned about Christmas buying. Generally retailers felt Santa Claus was good as retail sales ended their slump and rose sharply in December. The surge in sales came late in the month and finished the year on a strong note, providing shopkeepers a happy holiday season. Even though the Christmas shopping season ended with a burst of sales, merchants are wary about the outlook for 1981 and are expecting little or no real growth in the first half of the year. Store managements believe any gains made will reflect higher prices and not more goods moved. Buying plans for major appliances and cars have fallen with purchases being made only when necessary. Lagging car sales have prompted dealers to cut staffs in an effort to reduce operating expenses.

JOB REDUCTIONS IN MANUFACTURING WERE PRIMARILY IN THE NONDURABLE CATEGORY AND TO SOME DEGREE SEASONAL. Durable goods producers registered only a one hundred gain over the month. Changes in this group were generally small, scattered pluses and minuses with no outstanding performer. Nondurable goods' movements were also relatively small. The apparel industry (+300) and the food segments (-500) recorded the largest changes. Producers of women's and children's clothes found it expedient to up workforces to keep pace with demand. Food processors lost ground as poultry processors and canners of fruits and vegetables released temporary, seasonal workers hired to process the current crop. This sector has been adversely affected by last summer's extremely hot, dry weather. Not only were fruit and vegetable harvests smaller than usual, but this year's peanut yield was extremely small. Expected imports did not arrive in time for employees laid-off in November to be recalled by the December reference week.

VIRGINIA'S 317,200 FACTORY PRODUCTION WORKERS EARNED AN AVERAGE WEEKLY EARNING OF $260.43 IN DECEMBER. This was $1.88 more than November's $258.55, while the yearly gain was $24.67. The average workweek at 39.4 hours was five-tenths of an hour less than last month and nine-tenths of an hour below a year ago. However, hourly earnings at $6.61, another all-time high, were up thirteen cents over November and 76 cents above the December 1979 average. In the metro areas trends were mixed with production workers in the Lynchburg, Norfolk and Roanoke areas earning more while the four other areas' workers posted less earnings than a month ago.

VIRGINIA'S NONFARM EMPLOYMENT HITS ANOTHER ALL-TIME HIGH IN DECEMBER

(continued from page 1)

EROSION OF JOB OPPORTUNITIES IN CONSTRUCTION AND SERVICES CONTINUED WHILE THE NUMBER OF GOVERNMENT WORKERS ROSE. State and local school systems had more personnel on payrolls and at the federal level post offices and military installations posted gains. Offsetting trends prevailed in construction and services. Construction, which lags well below year ago levels, lost 1,900 workers between mid-November and mid-December. This was, nevertheless, not as great as the 2,500 decline during the same period last year. Expensive money has hampered buying plans for both houses and vacations. Services downward progression of 1,100 workers was mainly in tourist-related areas.

THE BUREAU OF LABOR STATISTICS PRODUCER'S PRICE INDEX for all commodities was 280.3 (1967=100) in December 1980. The monthly increase was 0.6 percent and the annual increment was 12.4 percent. The index for finished goods, at 254.7, was up 0.6 percent over the month and up 11.7 percent over the year.

THE ALL URBAN CONSUMER PRICE INDEX (CPI-U) rose 0.9 in December 1980. The index at 258.4 (1967=100) was up 12.4 percent over the year. The Urban Wage Earners and Clerical Workers Index (CPI-W) also rose 0.9 percent over the month. The yearly gain was 12.5 percent.

CONSUMER PRICE INDEX data for January 1981 will be released on February 20, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES[1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed [2]			Unemployed			Per Cent of Labor Force		
	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	November 1980	October 1980	November 1979	Nov. 1980	Oct. 1980	Nov. 1979
United States	105,287,000	105,415,000	103,719,000	97,801,000	97,933,000	97,943,000	7,486,000	7,482,000	5,776,000	7.1	7.1	5.1
Virginia	2,536,000	2,533,300	2,497,300	2,409,600	2,405,100	2,376,600	126,400	128,200	120,700	5.0	5.1	4.8
Bristol Area	39,820	39,800	38,770	37,380	37,550	36,480	2,440	2,250	2,290	6.1	5.6	5.9
Lynchburg SMSA	77,880	77,570	78,130	73,930	73,680	74,210	3,950	3,890	3,920	5.1	5.0	5.0
Newport News-Hampton SMSA	170,850	170,930	161,930	161,620	161,720	152,870	9,230	9,210	9,060	5.4	5.4	5.6
Norfolk-Virginia Beach-Portsmouth SMSA	329,890	329,500	324,970	311,100	310,130	306,950	18,790	19,370	18,020	5.7	5.9	5.5
Northern Virginia Area	573,200	570,100	554,800	555,100	550,900	537,700	18,100	19,200	17,100	3.1	3.4	3.1
Petersburg-Colonial Heights-Hopewell SMSA	60,480	60,690	58,030	56,580	56,900	55,040	3,900	3,790	2,990	6.4	6.2	5.2
Richmond SMSA	334,270	332,250	327,160	322,360	320,400	316,280	11,910	11,850	10,880	3.6	3.6	3.3
Roanoke SMSA	112,660	112,060	110,530	107,690	106,830	105,220	4,970	5,230	5,310	4.4	4.7	4.8

[1] All data adjusted to a place-of-residence basis

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL 1/	2,148.2	2,142.8	2,128.1	5.4	20.1
MANUFACTURING	413.8	414.2	417.6	- .4	- 3.8
Durable Goods	189.3	189.2	192.4	.1	- 3.1
Lumber and Wood Products	23.7	23.7	23.9	0	- .2
Millwork, Plywood and Structural Members	6.3	6.2	6.2	.1	.1
Wood Containers	1.8	1.8	1.8	0	0
Wood Buildings and Mobile Homes	3.2	3.2	3.2	0	0
Miscellaneous Wood Products	2.0	2.0	2.3	0	- .3
Furniture and Fixtures	25.8	25.6	27.5	.2	- 1.7
Household and Office Furniture	24.3	24.0	26.0	.3	- 1.7
Stone, Clay and Glass Products	12.5	12.7	13.2	- .2	- .7
Structural Clay Products	.8	.9	1.0	- .1	- .2
Concrete Gypsum and Plaster Products	7.2	7.3	7.7	- .1	- .5
Glass and Glass Products	1.6	1.7	1.7	- .1	- .1
Primary Metal Industries	12.0	11.9	13.3	.1	- 1.3
Fabricated Metal Products	20.6	20.5	21.3	.1	- .7
Fabricated Structural Metal Products	13.2	13.0	13.4	.2	- .2
Machinery, except Electrical	15.2	15.3	15.5	- .1	- .3
Construction and Related Machinery	4.6	4.6	4.9	0	- .3
Special Industry Machinery	2.4	2.4	2.5	0	- .1
Refrigeration and Service Machinery	1.9	1.9	2.0	0	- .1
Electric and Electronic Equipment	33.5	33.4	33.6	.1	- .1
Communication Equipment	11.4	11.4	11.5	0	- .1
Electronic Components and Accessories	5.4	5.3	5.6	.1	- .2
Transportation Equipment	38.4	38.5	36.5	- .1	1.9
Instruments and Related Products	4.1	4.1	3.9	0	.2
Miscellaneous Manufacturing Industries	3.5	3.5	3.7	0	- .2
Nondurable Goods	224.5	225.0	225.2	- .5	- .7
Food and Kindred Products	42.2	42.7	43.2	- .5	- 1.0
Meat Products	13.2	13.4	13.5	- .2	- .3
Dairy Products	2.8	2.7	2.6	.1	.2
Preserved Fruits and Vegetables	3.8	4.3	5.1	- .5	- 1.3
Bakery Products	5.0	5.0	5.1	0	- .1
Beverages	5.7	5.7	5.6	0	.1
Tobacco Manufactures	17.0	18.0	16.5	- .2	1.3
Cigarettes	14.5	14.4	13.9	.1	.6
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	2.9	3.2	2.2	- .3	.7
Textile Mill Products	44.6	44.7	45.1	- .1	- .5
Weaving Mills, Cotton, Synthetics and Wool	18.9	19.0	18.9	- .1	0
Narrow Fabric Mills	1.2	1.2	1.3	0	- .1
Knitting Mills	14.1	14.1	13.2	0	.9
Textile Finishing, except Wool	4.6	4.7	5.4	- .1	.8
Yarn and Thread Mills	2.9	2.9	3.2	0	- .3
Miscellaneous Textile Goods	1.2	1.2	1.4	0	- .2
Apparel and Other Textile Products	34.6	34.3	34.4	.3	.2
Men's and Boys' Suits, Coats and Furnishings	13.4	13.4	13.1	0	.3
Women's and Children's Outerwear & Undergarments	17.5	17.0	17.4	.5	.1
Miscellaneous Fabricated Textile Products	1.6	1.7	1.8	- .1	- .2
Paper and Allied Products	14.5	14.5	14.7	0	- .2
Pulp, Paper and Paperboard	7.7	7.6	7.6	.1	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.1	6.1	6.3	0	- .2
Miscellaneous Converted Paper Products	2.3	2.3	2.7	0	- .4
Paperboard Containers and Boxes	3.8	3.8	3.6	0	.2
Printing and Publishing	22.1	22.2	21.5	- .1	.6
Newspapers and Periodicals	8.4	8.4	8.2	0	.2
Commercial Printing	8.1	8.3	8.2	- .2	- .1
Chemicals and Allied Products	33.3	33.2	33.7	.1	- .4
Industrial Inorganic Chemicals	.8	.8	.9	0	- .1
Plastics Materials and Synthetics	19.9	19.7	20.7	.2	- .8
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.6	1.6	1.7	0	- .1
Miscellaneous Chemical Products	3.5	3.4	3.1	.1	.4
Petroleum, Rubber and Misc. Plastics Products	11.8	11.8	12.5	0	- .7
Miscellaneous Plastics Products	5.6	5.6	5.7	0	- .1
Rubber and Rubber Products	5.9	5.9	6.4	0	- .5
Leather and Leather Products	3.6	3.6	3.6	0	0

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
(Continued from page 4)					
NONMANUFACTURING	1734.4	1728.6	1710.5	5.8	23.9
Mining	23.6	23.8	23.6	- .2	0
Bituminous Coal and Lignite Mining	20.7	20.8	20.0	- .1	.7
Construction	121.3	123.2	134.4	- 1.9	- 13.1
Transportation and Public Utilities	115.4	115.3	115.5	.1	- .1
Railroad Transportation	13.8	13.8	14.5	0	- .7
Trucking and Warehousing	29.8	29.8	30.5	0	- .7
Transportation by Air	10.8	10.8	11.5	0	- .7
Communication	29.4	29.3	27.5	.1	1.9
Electric, Gas and Sanitary Services	16.7	16.7	15.6	0	1.1
Wholesale and Retail Trade	464.6	457.9	456.9	6.7	7.7
Wholesale	106.3	106.6	104.4	- .3	1.9
Wholesale Trade Durable Goods	63.9	64.0	63.6	- .1	.3
Wholesale Trade Nondurable Goods	42.4	42.6	40.8	- .2	1.6
Retail	358.3	351.3	352.5	7.0	5.8
General Merchandise Stores	63.5	59.4	64.1	4.1	- .6
Department Stores	46.9	43.6	49.0	3.3	- 2.1
Variety Stores	9.7	9.3	10.1	.4	- .4
Food Stores	55.8	55.1	53.2	.7	2.6
Automotive Dealers and Service Stations	46.2	46.6	47.2	- .4	- 1.0
Furniture and Home Furnishings Stores	20.7	19.4	16.4	1.3	4.3
Miscellaneous Retail	45.9	44.4	44.5	1.5	1.4
Finance, Insurance and Real Estate	106.1	106.0	104.7	.1	1.4
Banking	31.0	31.0	30.8	0	.2
Insurance Carriers	20.1	20.0	19.8	.1	.3
Real Estate	23.0	23.2	23.3	- .2	- .3
Services	388.9	390.0	374.4	- 1.1	14.5
Personal Services	24.7	24.8	23.9	- .1	.8
Business Services	77.4	77.5	74.1	- .1	3.3
Auto and Miscellaneous Repair Service	18.8	18.7	18.1	.1	.7
Health Services	102.6	102.4	98.6	.2	4.0
Government	514.5	512.4	501.0	2.1	13.5
Federal Government	154.4	153.6	154.0	.8	.4
State and Local Government	360.1	358.8	347.0	1.3	13.1
State Government	119.5	119.2	118.8	.3	.7
Local Government	240.6	239.6	228.2	1.0	12.4

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1979

JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages:									
1970	1,518.9	366.0	15.3	96.0	97.4	301.1	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.5	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1976:									
January	1,778.8	378.2	21.1	100.5	102.6	370.4	82.6	295.6	427.8
February	1,782.6	380.2	21.0	100.9	102.6	366.2	82.6	298.9	430.2
March	1,796.6	382.0	21.1	104.1	102.8	369.5	83.1	301.6	432.4
April	1,825.1	384.7	21.6	111.0	104.2	377.8	85.0	309.9	431.9
May	1,843.2	384.2	21.7	114.5	105.6	383.7	86.0	313.6	433.9
June	1,870.9	388.7	22.1	117.1	108.6	387.7	88.1	321.9	436.7
July	1,870.6	386.8	22.0	119.2	107.9	390.3	89.0	321.9	433.5
August	1,874.6	390.7	21.8	119.5	108.1	391.1	89.0	321.8	432.6
September	1,878.1	393.4	22.1	116.4	107.3	393.6	87.9	318.7	438.7
October	1,878.9	393.7	22.1	115.1	105.3	396.0	87.2	319.5	440.0
November	1,884.1	396.2	22.1	113.4	104.9	402.1	87.2	315.3	442.9
December	1,893.1	395.5	22.2	109.8	106.4	411.8	87.8	314.9	444.7
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,148.2	413.8	23.6	121.3	115.4	464.6	106.1	388.9	514.5

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL 1/	904.8	898.8	884.7	6.0	20.1
MANUFACTURING	145.7	145.6	146.7	.1	- 1.0
Durable Goods	45.2	45.0	45.9	.2	- .7
Lumber and Wood Products	4.2	4.2	4.2	0	0
Furniture and Fixtures	8.9	8.7	9.4	.2	- .5
Stone, Clay and Glass Products	1.4	1.4	1.5	0	- .1
Primary Metal Industries	2.0	2.0	2.0	0	0
Fabricated Metal Products	3.4	3.4	3.6	0	- .2
Machinery, except Electrical	2.4	2.5	2.4	- .1	0
Electric and Electronic Equipment	15.1	15.0	15.1	.1	0
Transportation Equipment	5.1	5.1	5.0	0	.1
Instruments and Related Products	1.6	1.6	1.5	0	.1
Miscellaneous Manufacturing Industries	1.1	1.1	1.2	0	- .1
Nondurable Goods	100.5	100.6	100.8	- .1	- .3
Food and Kindred Products	15.1	15.4	15.6	- .3	- .5
Tobacco Manufactures	5.9	6.0	5.5	- .1	.4
Textile Mill Products	24.6	24.6	24.4	0	.2
Apparel and Other Textile Products	30.9	30.6	31.1	.3	- .2
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.6	7.7	7.7	- .1	- .1
Chemicals and Allied Products	8.6	8.5	8.6	.1	0
Petroleum, Rubber and Misc. Plastics Products	2.6	2.6	2.8	0	- .2
Leather and Leather Products	2.7	2.7	2.6	0	.1
NONMANUFACTURING	759.1	753.2	738.0	5.9	21.1
Mining	.6	.6	.6	0	0
Construction	7.6	7.6	8.0	0	- .4
Transportation and Public Utilities	28.3	28.2	27.5	.1	.8
Wholesale and Retail Trade	193.9	189.4	190.8	4.5	3.1
Wholesale Trade	20.6	20.6	20.6	0	0
Retail Trade	173.3	168.8	170.2	4.5	3.1
Finance, Insurance and Real Estate	60.9	60.7	59.2	.2	1.7
Services	215.4	215.9	208.2	- .5	7.2
Government	252.4	250.8	243.7	1.6	8.7
Federal Government	55.4	55.2	53.4	.2	2.0
State and Local Government	197.0	195.6	190.3	1.4	6.7

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
MANUFACTURING	317.2	317.6	321.9	- .4	- 4.7
Durable Goods	143.3	143.2	145.8	.1	- 2.5
Lumber and Wood Products	20.1	20.1	20.3	0	- .2
Millwork, Plywood and Structural Members	5.2	5.1	5.1	.1	.1
Wood Containers	1.6	1.6	1.7	0	- .1
Wood Buildings and Mobile Homes	2.4	2.4	2.3	0	.1
Miscellaneous Wood Products	1.8	1.8	2.0	0	- .2
Furniture and Fixtures	21.9	21.6	23.0	.3	- 1.1
Household and Office Furniture	20.8	20.5	21.9	.3	- 1.1
Stone, Clay and Glass Products	9.8	10.0	10.7	- .2	- .9
Structural Clay Products	.7	.8	.8	- .1	- .1
Concrete Gypsum and Plaster Products	5.8	5.8	6.2	0	- .4
Glass and Glass Products	1.2	1.3	1.4	- .1	- .2
Primary Metal Industries	6.6	6.5	7.5	.1	- .9
Fabricated Metal Products	13.4	13.4	14.1	0	- .7
Fabricated Structural Metal Products	7.7	7.7	8.0	0	- .3
Machinery, except Electrical	10.6	10.7	10.9	- .1	- .3
Construction and Related Machinery	2.8	2.8	3.0	0	- .2
Special Industry Machinery	1.5	1.5	1.6	0	- .1
Refrigeration and Service Machinery	1.2	1.2	1.3	0	- .1
Electric and Electronic Equipment	22.6	22.5	22.7	.1	- .1
Communication Equipment	7.1	7.1	7.2	0	- .1
Electronic Components and Accessories	3.4	3.4	3.5	0	- .1
Transportation Equipment	33.2	33.3	31.4	- .1	1.8
Instruments and Related Products	2.4	2.4	2.3	0	.1
Miscellaneous Manufacturing Industries	2.7	2.7	2.9	0	- .2
Nondurable Goods	173.9	174.4	176.1	- .5	- 2.2
Food and Kindred Products	30.7	31.2	31.9	- .5	- 1.2
Meat Products	11.4	11.5	11.7	- .1	- .3
Dairy Products	1.4	1.3	1.2	.1	.2
Preserved Fruits and Vegetables	3.2	3.5	4.4	- .3	- 1.2
Bakery Products	2.5	2.5	2.6	0	- .1
Beverages	2.4	2.3	2.2	.1	.2
Tobacco Manufactures	13.1	13.4	12.2	- .3	.9
Cigarettes	10.7	10.6	10.4	.1	.3
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	2.1	2.5	1.5	- .4	.6
Textile Mill Products	39.9	40.0	40.4	- .1	- .5
Weaving Mills, Cotton, Synthetics and Wool	16.6	16.6	16.6	0	0
Narrow Fabric Mills	1.1	1.1	1.2	0	- .1
Knitting Mills	13.4	13.0	12.1	.4	1.3
Textile Finishing, except Wool	4.3	4.3	5.0	0	- .7
Yarn and Thread Mills	2.6	2.6	2.9	0	- .3
Miscellaneous Textile Goods	1.1	1.1	1.2	0	- .1
Apparel and Other Textile Products	31.4	31.1	31.4	.3	0
Men's and Boys' Suits, Coats and Furnishings	12.2	12.3	12.0	- .1	.2
Women's and Children's Outerwear & Undergarments	16.0	15.6	16.1	.4	- .1
Miscellaneous Fabricated Textile Products	1.3	1.3	1.5	0	- .2
Paper and Allied Products	11.0	10.9	11.2	.1	- .2
Pulp, Paper and Paperboard	5.4	5.3	5.4	.1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	5.1	5.2	- .1	- .2
Miscellaneous Converted Paper Products	2.0	2.1	2.3	- .1	- .3
Paperboard Containers and Boxes	3.0	3.0	2.9	0	.1
Printing and Publishing	12.9	13.0	12.9	- .1	0
Newspapers and Periodicals	3.0	3.0	3.0	0	0
Commercial Printing	6.2	6.3	6.4	- .1	- .2
Chemicals and Allied Products	22.8	22.6	23.3	.2	- .5
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	14.6	14.4	15.3	.2	- .7
Drugs	1.2	1.2	1.2	0	0
Agricultural Chemicals	1.0	1.0	1.0	0	0
Miscellaneous Chemical Products	2.3	2.3	2.0	0	.3
Petroleum, Rubber and Misc. Plastics Products	8.9	9.0	9.5	- .1	- .6
Miscellaneous Plastics Products	4.1	4.1	4.2	0	- .1
Rubber and Rubber Products	4.6	4.6	5.1	0	- .5
Leather and Leather Products	3.2	3.2	3.3	0	- .1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL	29.2	29.0	28.9	.2	.3
MANUFACTURING	9.4	9.3	9.7	.1	- .3
Durable Goods	4.5	4.5	5.2	0	- .7
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.5	0	- .2
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.1	2.3	0	- .2
Other Durable Goods 1/	1.8	1.8	2.1	0	- .3
Nondurable Goods	4.9	4.8	4.5	.1	.4
Food and Kindred Products	1.7	1.6	1.7	.1	0
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	2.7	0	.4
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	19.8	19.7	19.2	.1	.6
Construction	1.4	1.4	1.3	0	.1
Transportation & Public Utilities	1.2	1.2	1.1	0	.1
Trade	7.0	6.8	7.1	.2	- .1
Wholesale Trade	1.7	1.7	1.8	0	- .1
Retail Trade	5.3	5.1	5.3	.2	0
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.9	3.9	3.6	0	.3
Government	5.3	5.4	5.1	- .1	.2
State and Local Government	5.0	5.1	4.7	0	.3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL	72.5	72.6	73.8	- .1	- 1.3
MANUFACTURING	29.1	29.1	29.6	0	- .5
Durable Goods	18.6	18.6	19.3	0	- .7
Lumber and Wood Products and Furniture and Fixtures	4.1	4.1	4.4	0	- .3
Other Durable Goods 1/	14.5	14.5	14.9	0	- .4
Nondurable Goods	10.5	10.5	10.3	0	.2
Food and Kindred Products	1.6	1.6	1.3	0	.3
Textile Mill Products	1.7	1.7	1.7	0	0
Apparel & Other Textile Products	2.6	2.6	2.5	0	.1
Paper and Allied Products	1.0	1.0	1.0	0	0
Other Nondurable Goods 2/	3.6	3.6	3.8	0	- .2
NONMANUFACTURING	43.4	43.5	44.2	- .1	- .8
Construction	3.7	3.8	3.6	- .1	.1
Transportation and Public Utilities	2.7	2.7	2.8	0	- .1
Wholesale and Retail Trade	11.9	11.7	12.9	.2	- 1.0
Wholesale Trade	2.2	2.1	2.2	.1	0
Retail Trade	9.7	9.6	10.7	.1	- 1.0
Finance, Insurance and Real Estate	3.7	3.7	3.7	0	0
Services and Mining	11.0	11.1	11.0	- .1	0
Government	10.4	10.5	10.2	- .1	.2

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL	153.7	154.4	149.4	- .7	4.3
MANUFACTURING	36.0	35.9	34.2	.1	1.8
Durable Goods	29.6	29.6	27.9	0	1.7
Stone, Clay & Glass Products	.5	.5	.3	0	.2
Transportation Equipment	25.5	25.5	23.3	0	2.2
Other Durable Goods 1/	3.6	3.6	4.3	0	- .7
Nondurable Goods	6.4	6.3	6.3	.1	.1
Food & Kindred Products	2.9	2.8	2.6	.1	.3
Textile Mill Products & Apparel & Other Textile Products	.5	.5	.7	0	- .2
Printing and Publishing	1.2	1.2	1.2	0	0
Other Nondurable Goods 2/	1.8	1.8	1.8	0	0
NONMANUFACTURING	117.7	118.5	115.2	- .8	2.5
Construction	7.0	7.2	7.6	- .2	- .6
Transportation and Public Utilities	5.2	5.2	5.1	0	.1
Wholesale and Retail Trade	29.5	29.2	29.1	.3	.4
Wholesale Trade	3.3	3.3	3.4	0	- .1
Retail Trade	26.2	25.9	25.7	.3	.5
Finance, Insurance and Real Estate	4.9	5.0	5.1	- .1	- .2
Services and Mining	28.2	28.8	26.4	- .6	1.8
Government	42.9	43.1	41.9	- .2	1.0
Federal Government	16.8	17.0	16.9	- .2	- .1
State and Local Government	26.1	26.1	25.0	0	1.1

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL	285.3	284.6	287.5	.7	- 2.2
MANUFACTURING	29.1	29.3	30.1	- .2	- 1.0
Durable Goods	17.8	17.9	18.0	- .1	- .2
Lumber & Wood Products	1.6	1.6	1.8	0	- .2
Stone, Clay and Glass Products	1.8	1.8	1.7	0	.1
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.2	1.2	1.1	0	.1
Transportation Equipment	7.8	7.9	7.9	- .1	- .1
Other Durable Goods 1/	4.4	4.4	4.4	0	0
Nondurable Goods	11.3	11.4	12.1	- .1	- .8
Food and Kindred Products	5.3	5.3	5.8	0	- .5
Apparel & Other Textile Products	.9	.9	.9	0	0
Printing and Publishing	2.4	2.4	2.4	0	0
Chemicals and Allied Products	1.3	1.3	1.5	0	- .2
Agricultural Chemicals	.7	.6	.7	.1	0
Other Nondurable Goods 2/	1.4	1.5	1.5	- .1	- .1
NONMANUFACTURING	256.2	255.3	257.4	.9	- 1.2
Construction	15.3	15.7	17.5	- .4	- 2.2
Transportation & Public Utilities	18.7	18.6	18.9	.1	- .2
Railroads	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	71.0	70.0	71.3	1.0	- .3
Wholesale Trade	14.4	14.4	14.9	- .3	- .5
Retail Trade	56.6	55.3	56.4	1.3	.2
Finance, Insurance & Real Estate	14.4	14.4	14.7	0	- .3
Banking	4.4	4.4	4.3	0	.1
Insurance Carriers and Agents	3.0	3.0	3.2	0	- .2
Services and Mining	55.5	55.7	53.3	- .2	2.2
Personal Services	4.0	4.0	4.2	0	- .2
Government	81.3	80.9	81.7	.4	- .4
Federal Government	36.6	36.3	37.1	.3	- .5
State & Local Government	44.7	44.6	44.6	.1	.1

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL	438.0	435.5	431.1	2.5	6.9
MANUFACTURING	17.2	17.1	17.0	.1	.2
Durable Goods	10.2	10.1	10.3	.1	- .1
Stone, Clay and Glass Products	1.0	1.0	1.1	0	- .1
Fabricated Metal Products	1.2	1.1	1.2	.1	0
Machinery, except Electrical	.6	.6	.7	0	- .1
Electric and Electronic Equipment	5.3	5.3	5.3	0	0
Other Durable Goods 1/	2.1	2.1	2.0	0	.1
Nondurable Goods	7.0	7.0	6.7	0	.3
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.5	4.5	4.4	0	.1
Other Nondurable Goods 2/	1.4	1.4	1.2	0	.2
NONMANUFACTURING	420.8	418.4	414.1	2.4	6.7
Mining	.4	.4	.4	0	0
Construction	27.6	27.7	29.4	- .1	- 1.8
Transportation & Public Utilities	29.3	29.3	28.9	0	.4
Transportation By Air	8.4	8.4	9.0	0	- .6
Electric, Gas & Sanitary Service	3.6	3.6	3.4	0	.2
Wholesale and Retail Trade	102.5	100.5	101.8	2.0	.7
Wholesale Trade	18.2	18.4	18.5	- .2	- .3
Retail Trade	84.3	82.1	83.3	2.2	1.0
General Merchandise Stores	14.9	13.4	15.4	1.5	- .5
Food Stores	9.3	9.2	9.0	.1	.3
Auto. Dealers & Service Stations	12.2	12.2	11.7	0	.5
Apparel & Accessory Stores	5.7	5.6	5.6	.1	.1
Eating & Drinking Places	22.7	22.8	22.4	- .1	.3
Finance, Insurance & Real Estate	27.2	27.1	26.8	.1	.4
Banking	6.0	6.0	5.9	0	.1
Services	113.3	113.6	109.1	- .3	4.2
Business Services	40.0	40.2	38.4	- .2	1.6
Government	120.5	119.8	117.7	.7	2.8
Federal Government	68.2	67.7	66.8	.5	1.4
State and Local Government	52.3	52.1	50.9	.2	1.4

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL	48.1	47.1	46.9	1.0	1.2
MANUFACTURING	12.2	11.8	12.1	.4	.1
Durable Goods	2.9	2.7	2.8	.2	.1
Lumber and Wood Products and Furniture & Fixtures	.8	.6	.7	.2	.1
Stone, Clay and Glass Products	.2	.2	.3	0	- .1
Fabricated Metal Products	.1	.1	.2	0	- .1
Other Durable Goods 1/	1.8	1.8	1.6	0	.2
Nondurable Goods	9.3	9.1	9.3	.2	0
Food and Kindred Products	.4	.4	.4	0	0
Textile Mill Products and Apparel & Other Textile Products	1.2	1.2	1.0	0	.2
Chemicals and Allied Products	3.5	3.5	3.7	0	- .2
Other Nondurable Goods 2/	4.2	4.0	4.2	.2	0
NONMANUFACTURING	35.9	35.3	34.8	.6	1.1
Construction	2.5	2.6	2.2	- .1	.3
Transportation and Public Utilities	1.5	1.5	1.6	0	- .1
Wholesale and Retail Trade	8.2	8.1	8.4	.1	- .2
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	7.0	6.9	7.2	.1	.2
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.5	6.3	5.9	.2	.6
Government	15.9	15.5	15.4	.4	.5
Federal Government	5.3	5.0	5.5	.3	- .2
State and Local Government	10.6	10.5	9.9	.1	.7

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL	329.1	327.9	328.5	1.2	.6
MANUFACTURING	56.1	56.3	56.0	- .2	.1
Durable Goods	17.6	17.7	18.2	- .1	- .6
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.1	2.3	2.2	- .2	- .1
Stone, Clay & Glass Products	1.4	1.3	1.3	.1	.1
Fabricated Metal Products	2.5	2.5	2.5	0	0
Fabricated Structural Metal Products	1.8	1.8	1.9	0	- .1
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.1	8.1	8.5	0	- .4
Nondurable Goods	38.5	38.6	37.8	- .1	.7
Food & Kindred Products	4.2	4.2	4.4	0	- .2
Bakery Products	1.8	1.8	1.9	0	- .1
Tobacco Manufactures	12.8	12.9	12.1	- .1	.7
Cigarettes	12.0	11.9	11.1	.1	.9
Tobacco Stemming & Redrying	.5	.6	.6	- .1	- .1
Apparel & Other Textile Products	2.3	2.3	2.4	0	- .1
Paper & Allied Products	4.2	4.2	4.2	0	0
Printing and Publishing	5.2	5.2	5.2	0	0
Commercial Printing	2.9	2.9	2.9	0	0
Chemicals & Allied Products	7.8	7.8	7.6	0	.2
Other Nondurable Goods 2/	2.0	2.0	1.9	0	.1
NONMANUFACTURING	273.0	271.6	272.5	1.4	.5
Mining	.4	.4	.4	0	0
Construction	16.3	16.5	18.2	- .2	- 1.9
Transportation & Public Utilities	19.7	19.8	19.6	- .1	.1
Wholesale & Retail Trade	75.7	74.1	76.2	1.6	- .5
Wholesale Trade	22.2	22.1	22.0	.1	.2
Retail Trade	53.5	52.0	54.2	1.5	- .7
General Merchandise Stores	11.4	10.7	12.3	.7	- .9
Food Stores	7.5	7.5	7.2	0	.3
Auto Dealers & Service Stations	5.6	5.6	5.9	0	- .3
Finance, Insurance & Real Estate	26.8	26.8	26.8	0	0
Insurance Carriers	10.5	10.5	10.3	0	.2
Services	59.0	59.2	57.0	- .2	2.0
Government	75.1	74.8	74.3	.3	.8
Federal Government	7.8	7.8	8.1	0	- .3
State & Local Government	67.3	67.0	66.2	.3	1.1

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1980	November 1980	December 1979	November 1980	December 1979
NONAGRICULTURAL	105.4	105.6	105.4	- .2	0
MANUFACTURING	21.0	21.1	20.8	- .1	.2
Durable Goods	12.3	12.4	12.0	- .1	.3
Furniture & Fixtures	1.4	1.4	1.5	- .1	- .1
Primary Metals & Fabricated Metal Products	2.4	2.5	2.6	0	- .2
Fabricated Structural Metal Products	1.2	1.3	1.3	- .1	- .1
Machinery, except Electrical	1.7	1.7	1.6	0	.1
Other Durable Goods 1/	6.8	6.8	6.3	0	.5
Nondurable Goods	8.7	8.7	8.8	0	- .1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.7	1.7	1.8	0	- .1
Apparel & Other Textile Products	1.6	1.6	1.7	0	- .1
Printing and Publishing	.9	.9	1.0	0	- .1
Other Nondurable Goods 2/	2.6	2.6	2.4	0	.2
NONMANUFACTURING	84.4	84.5	84.6	- .1	- .2
Mining	.1	.1	.1	0	0
Construction	5.9	6.1	6.5	- .2	- .6
Transportation & Public Utilities	9.9	9.9	10.1	0	- .2
Wholesale & Retail Trade	26.5	26.0	26.5	.5	0
Wholesale Trade	7.4	7.3	7.4	.1	0
Retail Trade	19.1	18.7	19.1	.4	0
Finance, Insurance & Real Estate	6.2	6.2	6.1	0	.1
Services	19.7	19.8	19.5	- .1	.2
Government	16.1	16.4	15.8	- .3	.3
Federal Government	3.1	3.4	3.2	- .3	- .1
State & Local Government	13.0	13.0	12.6	0	.4

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
MANUFACTURING	$260.43	$258.55	$235.76	39.4	39.9	40.3	$6.61	$6.48	$5.85
Durable Goods	266.12	260.50	242.95	40.2	40.2	40.9	6.62	6.48	5.94
Lumber and Wood Products	193.89	187.72	167.32	38.7	38.0	37.6	5.01	4.94	4.45
Furniture and Fixtures	178.60	172.48	168.51	40.5	39.2	41.2	4.41	4.40	4.09
Household and Office Furniture	178.16	171.99	166.87	40.4	39.0	41.0	4.41	4.41	4.07
Stone, Clay and Glass Products	242.84	234.32	236.30	41.3	40.4	42.5	5.88	5.80	5.56
Structural Clay Products	227.14	207.97	202.05	41.6	41.1	40.9	5.46	5.06	4.94
Glass and Glass Products	250.74	234.63	253.46	42.0	39.7	43.4	5.97	5.91	5.84
Primary Metal Industries	360.29	329.38	266.42	43.2	39.4	36.1	8.34	8.36	7.38
Fabricated Metal Products	1)321.86	1)332.13	298.78	41.8	42.8	42.2	1)7.70	1)7.76	7.08
Fabricated Structural Metal Products	1)312.57	1)342.55	295.70	1)41.4	1)44.2	44.2	1)7.55	1)7.75	6.69
Machinery, except Electrical	290.50	279.16	271.78	41.5	40.4	42.8	7.00	6.91	6.35
Construction and Related Machinery	300.85	281.91	256.24	41.1	39.1	40.1	7.32	7.21	6.39
Special Industry Machinery	314.52	302.51	291.18	40.9	39.7	42.2	7.69	7.62	6.90
Refrigeration and Service Machinery	316.45	300.00	329.99	46.4	44.0	49.4	6.82	6.82	6.68
Electric and Electronic Equipment	272.24	268.11	238.00	41.0	40.5	39.8	6.64	6.62	5.98
Communication Equipment	284.49	291.21	262.42	39.9	40.9	39.7	7.13	7.12	6.61
Instruments and Related Products	216.27	211.73	217.06	40.5	40.1	40.8	5.34	5.28	5.32
Miscellaneous Manufacturing Industries	233.68	211.23	193.15	40.5	38.9	38.4	5.77	5.43	5.03
Nondurable Goods	255.42	257.00	230.62	38.7	39.6	39.9	6.60	6.49	5.78
Food and Kindred Products	206.84	232.02	200.69	35.6	38.8	38.3	5.81	5.98	5.24
Tobacco Manufactures	406.83	426.56	325.70	40.4	43.0	39.1	10.07	9.92	8.33
Cigarettes	434.30	383.34	342.30	40.4	43.9	39.3	10.75	11.01	8.71
Textile Mill Products	216.71	209.44	204.31	41.2	40.2	42.3	5.26	5.21	4.83
Weaving Mills, Cotton, Synthetics and Wool	234.76	232.27	230.65	42.3	41.7	44.7	5.55	5.57	5.16
Knitting Mills	188.08	181.74	172.57	38.7	38.1	39.4	4.86	4.77	4.38
Yarn and Thread Mills	196.60	185.95	167.69	43.4	41.6	41.1	4.53	4.47	4.08
Miscellaneous Textile Goods	223.66	214.24	184.21	42.2	41.2	38.7	5.30	5.20	4.76
Apparel and Other Textile Products	157.14	148.54	141.41	36.8	35.2	35.8	4.27	4.22	3.95
Men's and Boys' Suits, Coats and Furnishings	160.88	154.58	146.42	36.9	35.7	35.8	4.36	4.33	4.09
Women's and Children's Outerwear & Undergarments	154.45	142.27	133.76	36.6	34.2	35.2	4.22	4.16	3.80
Paper and Allied Products	352.72	349.80	319.72	44.2	44.0	43.5	7.98	7.95	7.35
Pulp, Paper and Paperboard	415.82	423.20	379.68	45.1	45.9	44.2	9.22	9.22	8.59
Misc. Converted Paper and Paperboard Products, Containers and Boxes	290.81	278.99	260.04	43.6	42.4	42.7	6.67	6.58	6.09
Printing and Publishing	312.42	302.59	290.24	39.2	38.4	40.2	7.97	7.88	7.22
Newspapers and Periodicals	283.97	256.78	266.06	36.5	34.7	36.8	7.78	7.40	7.23
Chemical and Allied Products	337.00	341.04	314.42	40.7	42.0	41.7	8.28	8.12	7.54
Plastic Materials and Synthetics	336.84	344.04	317.24	40.1	41.5	41.2	8.40	8.29	7.70
Agricultural Chemicals	249.72	245.50	205.73	41.9	41.4	40.9	5.96	5.93	5.03
Leather and Leather Products	136.86	133.94	125.77	37.6	37.0	37.1	3.64	3.62	3.39

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
MANUFACTURING	1) $209.62	1) $211.10	$215.26	37.1	37.9	38.1	1) $5.65	1) $5.57	$5.65
Durable Goods	1) 262.54	1) 259.75	264.06	39.9	39.9	40.5	1) 6.58	1) 6.51	6.52
Fabricated Metal Products	1) 350.06	1) 339.20	360.19	40.8	40.0	39.8	1) 8.58	1) 8.48	9.05
Machinery and Transportation Equipment	236.68	240.79	230.84	38.8	39.8	39.8	6.10	6.05	5.80
Nondurable Goods	157.90	161.10	152.60	34.4	38.5	35.0	4.59	4.50	4.36
Food and Kindred Products	194.39	193.20	181.80	35.8	35.0	35.3	5.43	5.52	5.15
Apparel and Other Textile Products	132.11	135.20	114.52	32.7	35.5	31.9	4.04	3.81	3.59

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7000 production workers.

1) Data not comparable with prior years

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
MANUFACTURING	$267.44	$262.84	$233.14	41.4	40.5	38.6	$6.46	$6.49	$6.04
Durable Goods	1) 275.06	1) 271.35	235.95	1) 41.3	1) 40.2	39.0	1) 6.66	1) 6.75	6.05
Lumber and Wood Products and Furniture and Fixtures	177.41	166.76	157.14	39.6	37.9	38.8	4.48	4.40	4.05
Nondurable Goods	256.26	250.31	202.18	41.6	40.9	39.8	6.16	6.21	5.08
Food and Kindred Products	241.78	249.57	225.03	41.4	42.3	42.7	5.84	5.90	5.27
Textile Mill Products	236.32	231.96	242.21	42.2	41.2	45.7	5.60	5.63	5.30
Apparel and Other Textile Products	138.64	128.73	110.80	35.1	33.7	31.3	3.95	3.82	3.54
Paper and Allied Products	494.46	494.46	333.66	60.3	60.3	49.8	8.20	8.20	6.70

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Data not comparable with prior years

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
MANUFACTURING	$301.98	$289.57	$270.34	42.0	40.9	41.4	$7.19	$7.08	$6.53
Durable Goods	325.84	308.59	295.95	43.1	41.2	42.4	7.56	7.49	6.98
Lumber and Wood Products	1) 281.16	1) 234.95	220.25	44.7	40.3	39.9	1) 6.29	1) 5.83	5.52
Stone, Clay, and Glass Products	260.71	260.16	219.91	40.8	41.1	39.2	6.39	6.33	5.61
Fabricated Metal Products	214.95	217.74	235.21	38.8	40.7	43.0	5.54	5.35	5.47
Machinery, except Electrical	254.82	247.20	217.01	41.3	41.2	39.6	6.17	6.00	5.48
Transportation Equipment	424.12	384.42	383.95	46.2	43.0	45.6	9.18	8.94	8.42
Nondurable Goods	255.52	252.90	226.06	39.8	40.4	39.8	6.42	6.26	5.68
Food and Kindred Products	232.66	245.18	202.79	39.5	41.0	39.3	5.89	5.98	5.16
Apparel and Other Textile Products	159.65	151.98	123.13	35.4	36.1	31.9	4.51	4.21	3.86
Chemicals and Allied Products	263.11	259.79	242.76	41.5	41.5	42.0	6.34	6.26	5.78

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,400 production workers.

1) Not comparable with data for prior years.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
MANUFACTURING	$282.18	$289.44	$264.87	39.8	40.2	40.5	$7.09	$7.20	$6.54
Durable Goods	282.08	283.59	261.04	41.3	41.1	41.5	6.83	6.90	6.29
Stone, Clay, and Glass Products	236.40	235.52	224.00	39.4	38.8	40.0	6.00	6.07	5.60
Fabricated Metal Products	298.74	315.15	291.26	42.8	44.2	44.4	6.98	7.13	6.56
Electric and Electronic Equipment	308.31	309.28	276.87	43.0	42.6	42.4	7.17	7.26	6.53
Nondurable Goods	282.75	299.13	278.29	37.7	39.0	40.1	7.50	7.67	6.94
Food and Kindred Products	289.76	305.03	275.85	40.3	41.9	42.9	7.19	7.28	6.43

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
MANUFACTURING	$310.37	$322.32	$280.90	40.1	40.8	39.9	$7.74	$7.90	$7.04
Durable Goods	185.26	186.53	169.12	39.5	38.7	39.7	4.69	4.82	4.26
Lumber and Wood Products and Furniture and Fixtures	149.04	156.51	141.70	36.8	33.3	38.4	4.05	4.70	3.69
Nondurable Goods	351.01	364.37	315.21	40.3	41.5	39.9	8.71	8.78	7.90
Food & Kindred Products	227.34	227.22	222.56	42.1	42.0	41.6	5.40	5.41	5.35
Chemicals & Allied Products	404.32	400.68	361.64	43.9	43.6	42.1	9.21	9.19	8.59

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,600 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
MANUFACTURING	$351.05	$351.94	$307.35	41.3	41.6	41.2	$ 8.50	$ 8.46	$ 7.46
Durable Goods	333.60	343.90	307.88	41.7	42.3	43.0	8.00	8.13	7.16
Lumber and Wood Products	182.29	181.97	188.74	40.6	38.8	41.3	4.49	4.69	4.57
Furniture and Fixtures	187.73	191.94	195.72	40.2	42.0	43.3	4.67	4.57	4.52
Primary Metal Industries	506.33	522.83	447.26	40.8	41.2	42.8	12.41	12.69	10.45
Fabricated Metal Products	458.60	566.72	371.92	42.9	49.8	42.7	10.69	11.38	8.71
Fabricated Structural Metal Products	554.38	697.64	414.48	44.6	53.5	44.0	12.43	13.04	9.42
Nondurable Goods	358.85	355.52	309.06	41.2	41.1	40.4	8.71	8.65	7.65
Food and Kindred Products	1)230.21	1)234.85	231.00	36.6	38.5	37.5	1)6.29	1)6.10	6.16
Tobacco Manufactures	463.22	456.86	343.66	43.7	43.1	40.1	10.60	10.60	8.57
Cigarettes	467.20	466.98	347.53	43.1	43.0	39.9	10.84	10.86	8.71
Apparel and Other Textile Products	165.44	165.12	165.24	37.6	38.4	37.9	4.40	4.30	4.36
Paper and Allied Products	315.74	308.98	282.49	42.9	42.5	41.3	7.36	7.27	6.84
Printing and Publishing	326.23	322.71	363.76	38.2	38.1	42.2	8.54	8.47	8.67
Chemicals and Allied Products	374.92	375.74	334.97	41.2	41.2	41.0	9.10	9.12	8.17

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,600 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Data not comparable with prior years.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
MANUFACTURING	$257.92	$248.47	$227.10	41.6	40.8	41.9	$6.20	$6.09	$5.42
Durable Goods	267.34	258.34	234.47	42.3	41.4	42.4	6.32	6.24	5.53
Fabricated Metal Products	236.46	224.72	242.81	42.0	40.2	45.9	5.63	5.59	5.29
Fabricated Structural Metal Products	245.65	232.30	251.02	42.5	40.4	46.4	5.78	5.75	5.41
Nondurable Goods	244.82	235.39	217.65	40.6	40.1	41.3	6.03	5.87	5.27
Food and Kindred Products	258.62	246.78	273.52	44.9	43.6	52.5	5.76	5.66	5.21
Textile Mill Products	194.80	181.92	193.34	40.0	37.9	42.4	4.87	4.80	4.56

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979
Virginia	$260.43	$258.55	$235.76	$206.52	$205.21	$189.28	$225.62	$224.19	$206.90
Bristol Area	1)209.62	1)211.10	215.26	1)170.50	1)171.58	174.61	1)186.81	1)187.96	191.20
Lynchburg SMSA	267.44	262.84	233.14	211.41	208.21	187.45	230.94	227.45	204.91
Norfolk-Virginia Beach-Portsmouth SMSA	301.98	289.57	270.34	234.85	226.43	218.79	257.14	247.73	233.14
Northern Virginia Area	282.18	289.44	264.87	221.42	226.34	209.62	242.12	247.63	228.99
Petersburg-Colonial Heights-Hopewell SMSA	310.37	322.32	280.90	240.44	248.07	220.55	263.38	272.08	241.15
Richmond SMSA	351.05	351.94	307.35	266.43	266.99	238.50	293.02	293.67	261.17
Roanoke SMSA	257.92	248.47	227.10	204.77	198.16	190.05	223.71	216.54	200.33

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

1/ Not comparable with data for prior years.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	December 1980 2/	November 1980	December 1979	November 1979
NONAGRICULTURAL	2,141.8	2,132.1	2,120.9	2,116.1
MANUFACTURING	411.3	409.7	415.1	415.0
Durable Goods	188.4	187.7	191.4	191.7
Lumber & Wood Products	24.2	23.7	24.4	24.6
Furniture and Fixtures	25.4	25.2	27.1	27.1
Stone, Clay and Glass Products	12.7	12.8	13.4	13.2
Primary Metal Industries	12.1	11.9	13.4	13.7
Fabricated Metal Products	20.5	20.4	21.2	21.2
Machinery, except Electrical	15.2	15.2	15.5	15.5
Electric and Electronic Equipment	33.2	33.1	33.3	33.1
Transportation Equipment	38.1	37.8	36.2	35.8
Instruments and Related Products	4.1	4.1	3.9	3.8
Nondurable Goods	223.2	222.3	223.8	223.4
Food and Kindred Products	41.4	40.9	42.4	42.0
Tobacco Manufactures	17.1	17.2	15.8	15.6
Textile Mill Products	44.3	44.1	44.7	44.5
Apparel and Other Textile Products	34.7	34.1	34.5	34.6
Paper and Allied Products	14.6	14.6	14.8	14.7
Printing and Publishing	21.9	22.0	21.3	21.3
Chemicals and Allied Products	33.4	33.5	33.8	34.0
Leather and Leather Products	3.7	3.7	3.7	3.7
MINING	25.2	24.1	25.2	23.9
Bituminous Coal and Lignite Mining	22.4	21.2	21.5	20.4
CONTRACT CONSTRUCTION	124.0	122.3	137.4	135.8
TRANSPORTATION & PUBLIC UTILITIES	114.2	114.8	114.4	114.5
Railroad Transportation	13.1	13.4	13.8	14.1
Trucking and Warehousing	29.4	29.7	30.1	29.9
Transportation by Air	10.8	10.8	11.5	11.6
Communication	29.4	29.3	27.5	27.6
Electric, Gas and Sanitary Services	16.8	16.8	15.6	15.7
WHOLESALE AND RETAIL TRADE	449.8	449.8	442.1	444.1
Wholesale Trade	105.9	103.6	103.9	103.8
Retail Trade	343.8	344.4	338.1	340.6
General Merchandise Stores	54.2	54.7	54.7	56.3
Food Stores	54.9	54.6	52.3	51.8
FINANCE, INSURANCE & REAL ESTATE	106.7	107.0	105.3	105.3
Banking	30.9	31.0	30.7	30.8
Insurance Carriers	20.2	20.1	19.9	19.7
SERVICES	396.4	394.7	381.4	380.2
Personal Services	24.9	25.3	24.1	24.1
Business Services	78.3	77.9	74.9	74.7
GOVERNMENT	514.5	512.4	501.0	500.7
Federal Government	155.2	154.5	154.7	154.5
State and Local Government	359.4	357.4	346.2	345.7
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	38.8	39.4	39.7	39.6
Durable Goods	39.2	39.7	39.9	39.7
Lumber and Wood Products	38.5	38.2	37.4	37.0
Furniture and Fixtures	39.1	38.4	39.8	39.9
Household & Office Furniture	39.0	38.3	39.5	39.8
Stone' Clay & Glass Products	40.4	40.0	41.6	41.3
Primary Metal Industries	42.5	38.6	35.5	38.5
Fabricated Metal Products	40.5	42.2	40.8	41.2
Fabricated Structural Metal Products	39.8	43.8	42.5	42.7
Machinery, except Electrical	40.6	39.8	41.8	40.7
Electric and Electronic Equipment	40.7	39.6	39.5	39.6
Instruments & Related Products	39.4	39.1	39.7	40.1
Miscellaneous Manufacturing Industries	39.2	38.2	37.2	37.9
Nondurable Goods	38.3	39.1	39.5	39.5
Food & Kindred Products	35.4	38.3	38.1	37.6
Tobacco Manufactures	38.8	40.3	37.7	40.1
Cigarettes	38.6	41.1	37.6	36.6
Textile Mill Products	41.2	40.2	42.3	42.1
Weaving Mills, Cotton, Synthetics and Wool	41.3	41.0	43.7	43.5
Knitting Mills	38.9	38.4	39.7	39.7
Apparel & Other Textile Products	36.6	34.4	35.6	36.2
Men's and Boys' Suits, Coats and Furnishings	37.2	35.0	36.1	35.9
Women's and Children's Outerwear & Undergarments	36.5	33.2	35.1	35.5
Paper & Allied Products	43.6	43.7	43.0	43.1
Pulp, Paper and Paperboard	44.8	45.2	44.0	43.7
Printing and Publishing	38.5	37.4	39.5	39.5
Newspapers and Periodicals	35.5	33.6	35.9	36.5
Chemicals & Allied Products	40.9	41.7	41.9	41.9
Plastics Materials & Synthetics	40.4	41.5	41.5	42.1
Agricultural Chemicals	42.4	42.1	41.3	42.1
Leather & Leather Products	37.2	37.0	36.7	36.5

1/ Employment in thousands.

2/ Preliminary

Revised to Dec. 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1972 - 1979

JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages:									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.1	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1976:									
January	1,814.8	379.7	22.9	111.7	102.4	376.7	84.1	306.0	426.0
February	1,824.7	383.8	22.6	115.3	103.0	378.5	84.4	308.2	427.8
March	1,826.9	385.6	22.1	112.4	102.6	379.3	84.6	308.2	429.2
April	1,831.8	389.2	21.8	111.4	103.6	381.5	85.6	309.5	429.1
May	1,835.1	386.8	21.1	111.5	104.2	383.6	85.8	310.7	430.9
June	1,842.1	388.7	20.8	110.5	105.8	384.7	86.2	312.7	431.6
July	1,841.0	387.7	20.7	110.8	105.4	385.7	86.8	312.7	432.3
August	1,844.1	388.0	21.1	110.9	105.7	385.8	86.8	313.0	434.0
September	1,852.0	389.2	21.2	111.1	105.8	386.8	86.8	314.4	435.9
October	1,858.5	389.5	21.2	111.7	104.8	388.0	87.7	318.4	438.4
November	1,864.0	391.8	22.4	112.3	103.7	387.1	88.0	318.7	439.3
December	1,872.9	393.2	23.4	112.1	104.8	386.8	88.4	320.7	439.1
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	321.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	101.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	101.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.1	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,141.8	411.3	25.2	124.0	114.2	449.8	106.7	396.4	514.5

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

Table E -1.

UNION HOURLY WAGE RATES IN THE BUILDING TRADES IN CITIES OF 100,000 INHABITANTS OR MORE

October 1979 and 1980 UNION WAGE RATES 1/

TRADE OR OCCUPATION	HOURLY AVERAGE United States		BASIC RATE Norfolk		BASIC RATE Richmond	
	1980	1979	1980	1979	1980	1979
Bricklayers	$12.77	$11.81	$10.98	$10.08	$12.00	$11.00
Carpenters	12.77	11.62	10.15	9.30	10.15	9.40
Electricians	13.80	12.62	11.05	10.65	12.35	11.65
Painters	12.24	11.19	9.35	8.50	9.10	8.80
Plasterers	12.39	11.37	11.26	10.71	11.25	10.45
Plumbers	13.39	12.27	11.30	10.30	11.95	11.95
Building Laborers	10.05	9.09	6.40	5.95	6.10	6.10

1/ These rates represent the minimum wage rates (excluding holiday and vacation payments regularly made or credited to the worker each pay period) agreed upon through collective bargaining between employers and trade unions.

Source: U. S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

3/10/81

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EMPLOYMENT HOURS AND EARNINGS

VOLUME 3[illegible] ✓
NUMBER 2

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF RESEARCH AND STATISTICS

FEBRUARY 1981

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Explanatory Notes

VIRGINIA'S NONFARM EMPLOYMENT IN JANUARY

LOWERED BY SEASONAL PRESSURES

HOURLY EARNINGS OF FACTORY PRODUCTION WORKERS AT ALL-TIME HIGH

SEASONAL FACTORS DOMINATED THE DOWNTURN IN VIRGINIA'S NONAGRICULTURAL EMPLOYMENT IN JANUARY 1981. Subfreezing temperatures across the state for an extended period early in January left a chilling effect on the economy. This and the post-Christmas doldrums were the prime enemies of employment. Nonseasonal areas of the business network also saw little or no improvement in worker totals over the month. With 37,900 fewer workers on payrolls nonfarm employment's total was 2,112,500. However, this was still 15,300 above the 2,097,200 workers counted in January a year ago. Over-the-month losses were experienced by every major industry division except mining, which registered no change between December and January.

MANUFACTURING'S LOSSES OF 4,400 PERSONS WERE SHARED BY ALMOST ALL FACETS OF THE DIVISION. Food and tobacco reductions followed their usual seasonal downward pattern. Outdoor work in the lumber industry was curtailed; producers of stone, clay and glass products (particularly among brick refractories) made cutbacks; and workforces were reduced in transportation equipment, primarily in the shipbuilding part of the industry. Apparel manufacturers of men's and boys' clothing, as well as women's and children's wear, had either partial or complete closings of plants due to current economic conditions. Declines of one and two hundred were numerous and covered a wide range of both hardgoods and softgoods producers. Only in furniture, electrical machinery, textiles and the rubber and plastics products industries were increases recorded and even these gains were modest.

HOURLY EARNINGS OF VIRGINIA'S 312,900 FACTORY PRODUCTION WORKERS ROSE TO ANOTHER ALL-TIME HIGH. At the beginning of 1981 the minimum wage rose to $3.35 an hour in compliance with amendments to the Federal Fair Labor Standards Act. General wage rate boosts and cost-of-living increases were widespread among manufacturers. Hourly earnings at $6.62 in January reflect a ten cents an hour increase over December. The average workweek declined by eight-tenths of an hour between December and January to 39.5 hours. The shortened work schedule, despite the hourly increase, left the average weekly earnings at $261.49 -- $1.27 below last month. Over the year, however, weekly earnings rose $24.68. In the metropolitan areas January average weekly earnings and average workweeks were less than the last month of 1980 in every area except Northern Virginia.

NONMANUFACTURING JOB TOTALS DECLINE BY 33,500 BETWEEN MID-DECEMBER AND MID-JANUARY. The largest over-the-month decline occurred in trade as both wholesale and retail trade establishments released workers. Temporary workers hired to assist shoppers with Christmas buying were let go and this accounts for much of the downturn in retail stores. Among wholesalers, reductions were mainly with dealers of farm products. Shortages of peanuts continue to be a problem for this group. Construction continued to register a downtrend. The extreme cold weather hampered work on many sites in addition to the continued problems suffered by the construction industry. Most of the decline in services took place in tourist related businesses--hotels, motels and amusement centers. Reductions were also made by business service establishments. Government employment declined over the month with federal and local government agencies recording drops. Workers employed in conjunction with the State General Assembly kept the State segment from showing a downtrend. Transportation's retrenchment was somewhat seasonal as firms that delivered Christmas packages laid off temporary workers. Real estate agencies car-

VIRGINIA'S NONFARM EMPLOYMENT IN JANUARY LOWERED BY SEASONAL PRESSURES

HOURLY EARNINGS OF FACTORY PRODUCTION WORKERS AT ALL-TIME HIGH

(continued from page 1)

ried the blunt of the losses in the financial sector. Only in mining did employment maintain December's level of worker totals.

THE BUREAU OF LABOR STATISTICS' PRODUCERS PRICE INDEX for all commodities in January 1981 was 283.5 (1967=100), up 1.1 percent over the month and 11.3 percent over a year earlier. The index for finished goods increased 1.1 percent to 259.8 in January. The over-the-year increment was 10.8 percent.

THE ALL URBAN CONSUMER'S PRICE INDEX rose 0.8 percent in January. The Index (U.S. City Average) at 260.5 (1967=100) was up 11.7 percent over January 1980. The Urban Wage Earners and Clerical Workers Index also rose 0.8 percent to 260.7 (1967=100) in January for an over-the-year increase of 11.7 percent.

THE FEBRUARY 1981 CONSUMER PRICE INDEX data will be released on March 24, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed 2/			Unemployed			Per Cent of Labor Force		
	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	December 1980	November 1980	December 1979	Dec. 1980	Nov. 1980	Dec. 1979
United States	104,778,000	105,287,000	103,883,000	97,545,000	97,801,000	98,047,000	7,233,000	7,486,000	5,836,000	6.9	7.1	5.6
Virginia	2,535,300	2,535,300	2,496,000	2,416,300	2,409,100	2,371,000	119,000	126,200	125,000	4.7	5.0	5.0
Bristol Area	39,700	39,780	38,710	37,560	37,380	36,470	2,140	2,400	2,240	5.4	6.0	5.8
Lynchburg SMSA	77,300	77,990	78,000	73,960	74,030	73,500	3,340	3,960	4,500	4.3	5.1	5.8
Newport News-Hampton SMSA	169,660	170,700	162,420	161,350	161,440	153,450	8,310	9,260	8,970	4.9	5.4	5.5
Norfolk-Virginia Beach-Portsmouth SMSA	329,730	329,170	325,760	312,090	310,490	307,640	17,640	18,680	18,120	5.3	5.7	5.6
Northern Virginia Area	576,700	573,700	557,500	560,500	555,600	539,200	16,200	18,100	18,300	2.8	3.2	3.3
Petersburg-Colonial Heights-Hopewell SMSA	61,240	60,420	58,240	57,760	56,550	55,100	3,480	3,870	3,140	5.7	6.4	5.4
Richmond SMSA	335,050	334,160	327,270	324,280	322,190	316,520	10,770	11,970	10,750	3.2	3.6	3.3
Roanoke SMSA	112,370	112,620	110,340	107,600	107,610	105,190	4,770	5,010	5,150	4.2	4.4	4.7

1/ **All data adjusted to a place-of-residence basis**

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL 1/	2,112.5	2,150.4	2,097.2	- 37.9	15.3
MANUFACTURING	409.1	413.5	414.1	- 4.4	- 5.0
Durable Goods	188.1	189.2	190.3	- 1.1	- 2.2
Lumber and Wood Products	23.2	23.6	23.0	- .4	.2
Millwork, Plywood and Structural Members	6.3	6.3	5.6	0	.7
Wood Containers	1.8	1.8	1.7	0	.1
Wood Buildings and Mobile Homes	3.1	3.2	3.1	- .1	0
Miscellaneous Wood Products	2.0	2.0	2.2	0	- .2
Furniture and Fixtures	26.1	25.8	27.3	.3	- 1.2
Household and Office Furniture	24.6	24.3	25.9	.3	- 1.3
Stone, Clay and Glass Products	12.0	12.4	13.0	- .4	- 1.0
Structural Clay Products	.6	.8	.9	- .2	- .3
Concrete Gypsum and Plaster Products	7.2	7.2	7.6	0	- .4
Glass and Glass Products	1.6	1.6	1.7	0	- .1
Primary Metal Industries	12.0	12.0	13.3	0	- 1.3
Fabricated Metal Products	20.4	20.5	21.1	- .1	- .7
Fabricated Structural Metal Products	13.0	13.1	13.2	- .1	- .2
Machinery, except Electrical	15.3	15.3	15.6	0	- .3
Construction and Related Machinery	4.6	4.6	4.8	0	- .2
Special Industry Machinery	2.4	2.4	2.5	0	- .1
Refrigeration and Service Machinery	2.0	2.0	2.0	0	0
Electric and Electronic Equipment	33.7	33.5	33.1	.2	.6
Communication Equipment	11.5	11.5	11.5	0	0
Electronic Components and Accessories	5.4	5.3	5.5	.1	- .1
Transportation Equipment	38.0	38.5	36.4	- .5	1.6
Instruments and Related Products	4.0	4.1	3.9	- .1	.1
Miscellaneous Manufacturing Industries	3.4	3.5	3.6	- .1	- .2
Nondurable Goods	221.0	224.3	223.8	- 3.3	- 2.8
Food and Kindred Products	40.6	42.2	42.0	- 1.6	- 1.4
Meat Products	13.1	13.2	13.4	- .1	- .3
Dairy Products	2.8	2.8	2.5	0	.3
Preserved Fruits and Vegetables	3.1	3.8	4.1	- .7	- 1.0
Bakery Products	5.1	5.0	5.1	.1	0
Beverages	5.6	5.8	5.5	- .2	.1
Tobacco Manufactures	17.1	17.8	16.1	- .7	1.0
Cigarettes	14.4	14.5	13.8	- .1	.6
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	2.3	2.9	1.9	- .6	.4
Textile Mill Products	44.9	44.7	45.2	.2	- .3
Weaving Mills, Cotton, Synthetics and Wool	19.0	18.9	18.9	.1	.1
Narrow Fabric Mills	1.2	1.2	1.3	0	- .1
Knitting Mills	14.2	14.1	13.3	.1	.9
Textile Finishing, except Wool	4.6	4.6	5.3	0	- .7
Yarn and Thread Mills	3.0	3.0	3.2	0	- .2
Miscellaneous Textile Goods	1.2	1.2	1.3	0	- .1
Apparel and Other Textile Products	33.5	34.4	34.7	- .9	- 1.2
Men's and Boys' Suits, Coats and Furnishings	12.5	13.3	13.2	- .8	- .7
Women's and Children's Outerwear & Undergarments	17.4	17.3	17.5	.1	- .1
Miscellaneous Fabricated Textile Products	1.6	1.6	1.8	0	- .2
Paper and Allied Products	14.5	14.6	14.7	- .1	- .2
Pulp, Paper and Paperboard	7.6	7.7	7.6	- .1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.1	6.1	6.3	0	- .2
Miscellaneous Converted Paper Products	2.4	2.3	2.7	.1	- .3
Paperboard Containers and Boxes	3.7	3.8	3.6	- .1	.1
Printing and Publishing	22.1	22.2	21.5	- .1	.6
Newspapers and Periodicals	8.4	8.4	8.2	0	.2
Commercial Printing	8.2	8.2	8.2	0	0
Chemicals and Allied Products	32.8	33.0	33.6	- .2	- .8
Industrial Inorganic Chemicals	.8	.8	.9	0	- .1
Plastics Materials and Synthetics	19.4	19.6	20.5	- .2	- 1.1
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.6	1.6	1.7	0	- .1
Miscellaneous Chemical Products	3.5	3.5	3.1	0	.4
Petroleum, Rubber and Misc. Plastics Products	12.0	11.8	12.5	.2	- .5
Miscellaneous Plastics Products	5.7	5.6	5.7	.1	0
Rubber and Rubber Products	6.0	5.9	6.4	.1	- .4
Leather and Leather Products	3.5	3.6	3.5	- .1	0

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 4)

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONMANUFACTURING	1,703.4	1,736.9	1,683.1	- 33.5	20.3
Mining	23.6	23.6	23.8	0	- .2
Bituminous Coal and Lignite Mining	20.8	20.7	20.3	.1	.5
Construction	107.9	120.9	124.2	- 13.0	- 16.3
Transportation and Public Utilities	114.5	115.4	113.5	- .9	1.0
Railroad Transportation	13.7	13.7	14.0	0	- .3
Trucking and Warehousing	28.8	29.8	29.2	- 1.0	- .4
Transportation by Air	10.9	10.8	11.2	.1	- .3
Communication	29.5	29.5	27.5	0	2.0
Electric, Gas and Sanitary Services	16.8	16.7	15.8	.1	1.0
Wholesale and Retail Trade	449.0	464.9	442.3	- 15.9	6.7
Wholesale	105.4	106.2	104.0	- .8	1.4
Wholesale Trade Durable Goods	63.8	63.8	63.8	0	0
Wholesale Trade Nondurable Goods	41.6	42.4	40.2	- .8	1.4
Retail	343.6	358.7	338.3	- 15.1	5.3
General Merchandise Stores	57.1	64.2	58.1	- 7.1	- 1.0
Department Stores	42.5	46.7	44.2	- 4.2	- 1.7
Variety Stores	9.0	9.8	8.9	- .8	.1
Food Stores	55.5	55.9	53.0	- .4	2.5
Automotive Dealers and Service Stations	46.3	46.4	46.7	- .1	- .4
Furniture and Home Furnishings Stores	15.5	15.7	16.3	- .2	- .8
Miscellaneous Retail	43.7	46.0	43.3	- 2.3	.4
Finance, Insurance and Real Estate	106.1	106.4	104.3	- .3	1.8
Banking	31.2	31.2	30.8	0	.4
Insurance Carriers	20.3	20.1	19.7	.2	.6
Real Estate	22.9	23.3	22.7	- .4	.2
Services	387.3	389.3	373.1	- 2.0	14.2
Personal Services	24.7	24.7	24.5	0	.2
Business Services	76.9	77.6	73.8	- .7	3.1
Auto and Miscellaneous Repair Service	18.8	18.8	17.8	0	1.0
Health Services	102.8	102.7	98.4	.1	4.4
Government	515.0	516.4	501.9	- 1.4	13.1
Federal Government	154.3	155.0	153.3	- .7	1.0
State and Local Government	360.7	361.4	348.6	- .7	12.1
State Government	119.6	119.5	119.7	.1	- .1
Local Government	241.1	241.9	228.9	- .8	12.2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.5	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,112.5	409.1	23.6	107.9	114.5	449.0	106.1	387.3	515.0
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2.092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981									
January	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL 1/	894.1	907.1	874.9	- 13.0	19.2
MANUFACTURING	143.5	145.4	146.0	- 1.9	- 2.5
Durable Goods	45.1	45.3	45.4	- .2	- .3
Lumber and Wood Products	4.1	4.2	4.0	.1	.1
Furniture and Fixtures	9.0	8.9	9.3	.1	- .3
Stone, Clay and Glass Products	1.3	1.3	1.4	0	- .1
Primary Metal Industries	2.0	2.0	2.0	0	0
Fabricated Metal Products	3.4	3.5	3.6	- .1	- .2
Machinery, except Electrical	2.5	2.5	2.4	0	.1
Electric and Electronic Equipment	15.0	15.1	14.9	- .1	.1
Transportation Equipment	5.1	5.1	5.0	0	.1
Instruments and Related Products	1.6	1.6	1.6	0	0
Miscellaneous Manufacturing Industries	1.1	1.1	1.2	0	- .1
Nondurable Goods	98.4	100.1	100.6	- 1.7	- 2.2
Food and Kindred Products	14.0	15.1	15.4	- 1.1	- 1.4
Tobacco Manufactures	5.8	5.9	5.4	- .1	.4
Textile Mill Products	24.6	24.6	24.4	0	.2
Apparel and Other Textile Products	30.1	30.6	31.2	- .5	- 1.1
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.6	7.6	7.7	0	- .1
Chemicals and Allied Products	8.4	8.4	8.6	0	- .2
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.8	0	- .1
Leather and Leather Products	2.7	2.7	2.6	0	.1
NONMANUFACTURING	750.6	761.7	728.9	- 11.1	21.7
Mining	.6	.6	.5	0	.1
Construction	7.3	7.6	7.8	- .3	- .5
Transportation and Public Utilities	28.4	28.4	27.4	0	1.0
Wholesale and Retail Trade	185.9	195.0	182.6	- 9.1	3.3
Wholesale Trade	20.4	20.7	20.6	- .3	- .2
Retail Trade	165.5	174.3	162.0	- 8.8	3.5
Finance, Insurance and Real Estate	61.2	61.0	59.2	.2	2.0
Services	214.6	215.7	207.5	- 1.1	7.1
Government	252.6	253.4	243.9	- .8	8.7
Federal Government	55.4	55.6	53.2	- .2	2.2
State and Local Government	197.2	197.8	190.7	- .6	6.5

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
MANUFACTURING	312.9	317.1	319.1	- 4.2	- 6.2
Durable Goods	141.9	143.2	144.2	- 1.3	- 2.3
Lumber and Wood Products	19.7	20.0	19.5	- .3	.2
Millwork, Plywood and Structural Members	5.1	5.1	4.6	0	.5
Wood Containers	1.6	1.6	1.6	0	0
Wood Buildings and Mobile Homes	2.3	2.4	2.2	- .1	.1
Miscellaneous Wood Products	1.8	1.8	2.0	0	- .2
Furniture and Fixtures	21.9	21.8	22.8	.1	- .9
Household and Office Furniture	20.9	20.8	21.8	.1	- .9
Stone, Clay and Glass Products	9.4	9.8	10.5	- .4	- 1.1
Structural Clay Products	.5	.7	.8	- .2	- .3
Concrete Gypsum and Plaster Products	5.7	5.7	6.1	0	- .4
Glass and Glass Products	1.2	1.2	1.4	0	- .2
Primary Metal Industries	6.6	6.6	7.6	0	- 1.0
Fabricated Metal Products	13.4	13.4	14.0	0	- .6
Fabricated Structural Metal Products	7.7	7.8	7.8	- .1	- .1
Machinery, except Electrical	10.7	10.7	11.0	0	- .3
Construction and Related Machinery	2.8	2.8	3.0	0	- .2
Special Industry Machinery	1.4	1.5	1.6	- .1	- .2
Refrigeration and Service Machinery	1.3	1.3	1.3	0	0
Electric and Electronic Equipment	22.5	22.6	22.4	- .1	.1
Communication Equipment	7.1	7.1	7.2	0	- .1
Electronic Components and Accessories	3.5	3.4	3.5	.1	0
Transportation Equipment	32.7	33.2	31.3	- .5	1.4
Instruments and Related Products	2.4	2.4	2.4	0	0
Miscellaneous Manufacturing Industries	2.6	2.7	2.7	- .1	- .1
Nondurable Goods	171.0	173.9	174.9	- 2.9	- 3.9
Food and Kindred Products	29.4	30.8	30.9	- 1.4	- 1.5
Meat Products	11.3	11.4	11.6	- .1	- .3
Dairy Products	1.4	1.4	1.2	0	.2
Preserved Fruits and Vegetables	2.5	3.1	3.4	- .6	- .9
Bakery Products	2.5	2.5	2.6	0	- .1
Beverages	2.3	2.4	2.1	- .1	.2
Tobacco Manufactures	12.5	13.2	11.8	- .7	.7
Cigarettes	10.6	10.8	10.2	- .2	.4
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.6	2.1	1.3	- .5	.3
Textile Mill Products	40.2	40.0	40.5	.2	- .3
Weaving Mills, Cotton, Synthetics and Wool	16.7	16.6	16.6	.1	.1
Narrow Fabric Mills	1.1	1.1	1.2	0	- .1
Knitting Mills	13.1	13.0	12.1	.1	1.0
Textile Finishing, except Wool	4.3	4.3	5.0	0	- .7
Yarn and Thread Mills	2.7	2.7	3.0	0	- .3
Miscellaneous Textile Goods	1.1	1.1	1.2	0	- .1
Apparel and Other Textile Products	30.4	31.2	31.8	- .8	- 1.4
Men's and Boys' Suits, Coats and Furnishings	11.3	12.2	12.1	- .9	- .8
Women's and Children's Outerwear & Undergarments	16.0	15.9	16.3	.1	- .3
Miscellaneous Fabricated Textile Products	1.3	1.3	1.4	0	- .1
Paper and Allied Products	10.9	11.0	11.2	- .1	- .3
Pulp, Paper and Paperboard	5.3	5.4	5.4	- .1	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.1	5.0	5.2	.1	- .1
Miscellaneous Converted Paper Products	2.1	2.0	2.3	.1	- .2
Paperboard Containers and Boxes	3.0	3.0	2.9	0	.1
Printing and Publishing	12.8	12.9	12.9	- .1	- .1
Newspapers and Periodicals	3.0	3.0	3.0	0	0
Commercial Printing	6.2	6.2	6.3	0	- .1
Chemicals and Allied Products	22.4	22.6	23.0	- .2	- .6
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	14.3	14.4	15.0	- .1	- .7
Drugs	1.2	1.2	1.2	0	0
Agricultural Chemicals	1.0	1.0	1.0	0	0
Miscellaneous Chemical Products	2.4	2.3	2.0	.1	.4
Petroleum, Rubber and Misc. Plastics Products	9.2	9.0	9.6	.2	- .4
Miscellaneous Plastics Products	4.2	4.1	4.3	.1	- .1
Rubber and Rubber Products	4.7	4.6	5.1	.1	- .4
Leather and Leather Products	3.2	3.2	3.2	0	0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL	28.8	29.2	28.1	- .4	.7
MANUFACTURING	9.4	9.5	9.7	- .1	- .3
Durable Goods	4.5	4.5	5.1	0	- .6
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.5	0	- .2
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.0	2.1	2.3	- .1	- .3
Other Durable Goods 1/	1.9	1.8	2.0	.1	- .1
Nondurable Goods	4.9	5.0	4.6	- .1	.3
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.8	0	.3
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.4	.5	.5	- .1	- .1
NONMANUFACTURING	19.4	19.7	18.4	- .3	1.0
Construction	1.2	1.4	1.2	- .2	0
Transportation & Public Utilities	1.2	1.2	1.1	0	.1
Trade	6.7	7.0	6.7	- .3	0
Wholesale Trade	1.7	1.7	1.8	0	- .1
Retail Trade	5.0	5.3	4.9	- .3	.1
Finance, Insurance & Real Estate	1.1	1.0	.9	.1	.2
Services & Mining	3.9	3.8	3.5	.1	.4
Government	5.3	5.3	5.0	0	.3
State and Local Government	5.0	5.0	4.7	0	.3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL	71.7	72.4	72.6	- .7	- .9
MANUFACTURING	29.1	29.1	29.6	0	- .5
Durable Goods	18.5	18.5	19.3	- .1	- .8
Lumber and Wood Products and Furniture and Fixtures	4.1	4.1	4.4	0	- .3
Other Durable Goods 1/	14.4	14.5	14.9	- .1	- .5
Nondurable Goods	10.6	10.5	10.3	.1	.3
Food and Kindred Products	1.6	1.6	1.3	0	.3
Textile Mill Products	1.8	1.7	1.8	.1	0
Apparel & Other Textile Products	2.6	2.6	2.5	0	.1
Paper and Allied Products	1.1	1.0	1.0	.1	.1
Other Nondurable Goods 2/	3.5	3.6	3.7	- .1	- .2
NONMANUFACTURING	42.6	43.3	43.0	- .7	- .4
Construction	3.3	3.6	3.4	- .3	- .1
Transportation and Public Utilities	2.7	2.7	2.8	0	- .1
Wholesale and Retail Trade	11.4	11.8	12.3	- .4	- .9
Wholesale Trade	2.2	2.2	2.3	0	- .1
Retail Trade	9.2	9.6	10.0	- .4	- .8
Finance, Insurance and Real Estate	3.7	3.8	3.4	- .1	.3
Services and Mining	11.0	11.0	10.8	0	.2
Government	10.5	10.4	10.3	.1	.2

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL	151.8	153.9	147.8	- 2.1	- 4.0
MANUFACTURING	35.7	36.0	34.1	- .3	1.6
Durable Goods	29.5	29.6	27.9	- .1	1.6
Stone, Clay & Glass Products	.5	.5	.4	0	.1
Transportation Equipment	25.3	25.5	23.3	- .2	2.0
Other Durable Goods 1/	3.7	3.6	4.2	.1	- .5
Nondurable Goods	6.2	6.4	6.2	- .2	0
Food & Kindred Products	2.8	2.9	2.6	- .1	.2
Textile Mill Products & Apparel & Other Textile Products	.4	.5	.7	- .1	- .3
Printing and Publishing	1.2	1.2	1.1	0	.1
Other Nondurable Goods 2/	1.8	1.8	1.8	0	0
NONMANUFACTURING	116.1	117.9	113.7	- 1.8	2.4
Construction	6.6	7.0	7.1	- .4	- .5
Transportation and Public Utilities	5.1	5.1	4.9	0	.2
Wholesale and Retail Trade	28.6	29.6	28.3	- 1.0	.3
Wholesale Trade	3.3	3.3	3.4	0	- .1
Retail Trade	25.3	26.3	24.9	- 1.0	.4
Finance, Insurance and Real Estate	4.9	5.0	5.1	- .1	- .2
Services and Mining	27.9	28.2	26.5	- .3	1.4
Government	43.0	43.0	41.8	0	1.2
Federal Government	16.8	16.9	16.8	- .1	0
State and Local Government	26.2	26.1	25.0	.1	1.2

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL	282.0	286.0	284.0	- 4.0	- 2.0
MANUFACTURING	28.9	29.2	29.8	- .3	- .9
Durable Goods	17.4	17.8	17.8	- .4	- .4
Lumber & Wood Products	1.6	1.6	1.7	0	- .1
Stone, Clay and Glass Products	1.8	1.8	1.7	0	.1
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.2	1.2	1.1	0	.1
Transportation Equipment	7.4	7.8	7.8	- .4	- .4
Other Durable Goods 1/	4.4	4.4	4.4	0	0
Nondurable Goods	11.5	11.4	12.0	.1	- .5
Food and Kindred Products	5.4	5.4	5.8	0	- .4
Apparel & Other Textile Products	.9	.9	.9	0	0
Printing and Publishing	2.4	2.4	2.3	0	.1
Chemicals and Allied Products	1.3	1.3	1.5	0	- .2
Agricultural Chemicals	.7	.7	.8	0	- .1
Other Nondurable Goods 2/	1.5	1.4	1.5	.1	0
NONMANUFACTURING	253.1	256.8	254.2	- 3.7	- 1.1
Construction	14.7	15.3	16.9	- .6	- 2.2
Transportation & Public Utilities	18.6	18.8	18.9	- .2	- .3
Railroads	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	68.8	71.3	68.7	- 2.5	.1
Wholesale Trade	14.0	14.4	14.8	- .4	- .8
Retail Trade	54.8	56.9	53.9	- 2.1	.9
Finance, Insurance & Real Estate	14.5	14.5	14.6	0	- .1
Banking	4.4	4.4	4.3	0	.1
Insurance Carriers and Agents	3.1	3.0	3.2	.1	- .1
Services and Mining	55.3	55.5	53.1	- .2	2.2
Personal Services	4.0	4.0	4.2	0	- .2
Government	81.2	81.4	82.0	- .2	- .8
Federal Government	36.6	36.8	37.1	- .2	- .5
State & Local Government	44.6	44.6	44.9	0	- .3

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL	433.6	439.7	424.5	- 6.1	9.1
MANUFACTURING	17.3	17.3	16.9	0	.4
Durable Goods	10.2	10.2	10.2	0	0
Stone, Clay and Glass Products	1.0	1.0	1.1	0	- .1
Fabricated Metal Products	1.2	1.2	1.2	0	0
Machinery, except Electrical	.6	.6	.7	0	- .1
Electric and Electronic Equipment	5.4	5.4	5.1	0	.3
Other Durable Goods 1/	2.0	2.0	2.1	0	- .1
Nondurable Goods	7.1	7.1	6.7	0	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.6	4.6	4.4	0	.2
Other Nondurable Goods 2/	1.4	1.4	1.2	0	.2
NONMANUFACTURING	416.3	422.4	407.6	- 6.1	8.7
Mining	.4	.4	.4	0	0
Construction	25.7	27.5	27.3	- 1.8	- 1.6
Transportation & Public Utilities	29.2	29.3	28.7	- .1	.5
Transportation By Air	8.4	8.4	8.9	0	- .5
Electric, Gas & Sanitary Service	3.6	3.6	3.4	0	.2
Wholesale and Retail Trade	100.3	103.0	98.5	- 2.7	1.8
Wholesale Trade	18.4	18.4	18.4	0	0
Retail Trade	81.9	84.6	80.1	- 2.7	1.8
General Merchandise Stores	14.2	15.1	13.7	- .9	.5
Food Stores	9.1	9.3	8.8	- .2	.3
Auto. Dealers & Service Stations	12.4	12.3	11.9	.1	.5
Apparel & Accessory Stores	5.3	5.7	5.3	- .4	0
Eating & Drinking Places	22.5	22.8	21.5	- .3	1.0
Finance, Insurance & Real Estate	27.2	27.2	26.4	0	.8
Banking	6.0	6.0	5.8	0	.2
Services	113.2	113.7	109.1	- .5	4.1
Business Services	40.1	40.2	38.6	- .1	1.5
Government	120.3	121.3	117.2	- 1.0	3.1
Federal Government	68.3	68.5	66.6	- .2	1.7
State and Local Government	52.0	52.8	50.6	- .8	1.4

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL	46.3	47.7	47.2	- 1.4	- .9
MANUFACTURING	11.7	12.1	12.0	- .4	- .3
Durable Goods	2.8	2.8	2.8	0	0
Lumber and Wood Products and Furniture & Fixtures	.8	.8	.7	0	.1
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.1	.1	.2	0	- .1
Other Durable Goods 1/	1.7	1.7	1.7	0	0
Nondurable Goods	8.9	9.3	9.2	- .4	- .3
Food and Kindred Products	.4	.4	.4	0	0
Textile Mill Products and Apparel & Other Textile Products	1.1	1.2	1.0	- .1	.1
Chemicals and Allied Products	3.5	3.5	3.7	0	- .2
Other Nondurable Goods 2/	3.9	4.2	4.1	- .3	- .2
NONMANUFACTURING	34.6	35.6	35.2	- 1.0	- .6
Construction	2.2	2.4	2.7	- .2	- .5
Transportation and Public Utilities	1.5	1.5	1.6	0	- .1
Wholesale and Retail Trade	8.1	8.4	8.2	- .3	- .1
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	6.9	7.2	7.0	- .3	- .1
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.3	6.5	5.9	- .2	.4
Government	15.2	15.5	15.5	- .3	- .3
Federal Government	4.9	5.0	5.5	- .1	- .6
State and Local Government	10.3	10.5	10.0	- .2	.3

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL	326.9	329.8	325.2	- 2.9	1.7
MANUFACTURING	55.8	56.2	55.7	- .4	.1
Durable Goods	17.6	17.8	18.0	- .2	- .4
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.1	2.2	2.2	- .1	- .1
Stone, Clay & Glass Products	1.3	1.3	1.2	0	.1
Fabricated Metal Products	2.4	2.6	2.5	- .2	- .1
Fabricated Structural Metal Products	1.7	1.9	1.9	- .2	- .2
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.3	8.2	8.4	.1	- .1
Nondurable Goods	38.2	38.4	37.7	- .2	.5
Food & Kindred Products	4.2	4.2	4.4	0	- .2
Bakery Products	1.8	1.8	1.9	0	- .1
Tobacco Manufactures	12.8	12.9	12.1	- .1	.7
Cigarettes	12.0	12.0	11.1	0	.9
Tobacco Stemming & Redrying	.5	.6	.6	- .1	- .1
Apparel & Other Textile Products	2.1	2.2	2.3	- .1	- .2
Paper & Allied Products	4.2	4.2	4.2	0	0
Printing and Publishing	5.2	5.2	5.2	0	0
Commercial Printing	2.9	2.9	2.9	0	0
Chemicals & Allied Products	7.7	7.7	7.5	0	.2
Other Nondurable Goods 2/	2.0	2.0	2.0	0	0
NONMANUFACTURING	271.1	273.6	269.5	- 2.5	1.6
Mining	.4	.4	.4	0	0
Construction	15.8	16.2	17.1	- .4	- 1.3
Transportation & Public Utilities	19.8	19.8	19.5	0	.3
Wholesale & Retail Trade	73.9	75.8	73.7	- 1.9	.2
Wholesale Trade	22.3	22.2	22.1	.1	.2
Retail Trade	51.6	53.6	51.6	- 2.0	0
General Merchandise Stores	10.4	11.5	11.0	- 1.1	- .6
Food Stores	7.5	7.5	7.2	0	.3
Auto Dealers & Service Stations	5.5	5.6	5.8	- .1	- .3
Finance, Insurance & Real Estate	26.9	26.9	26.8	0	.1
Insurance Carriers	10.5	10.6	10.3	- .1	.2
Services	59.0	59.1	57.0	- .1	2.0
Government	75.3	75.4	75.0	- .1	.3
Federal Government	7.8	7.8	8.0	0	- .2
State & Local Government	67.5	67.6	67.0	- .1	.5

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	December 1980	January 1980	December 1980	January 1980
NONAGRICULTURAL	103.4	105.2	104.1	- 1.8	- .7
MANUFACTURING	20.9	21.0	20.8	- .1	.1
Durable Goods	12.3	12.4	12.1	- .1	.2
Furniture & Fixtures	1.4	1.4	1.5	0	- .1
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.2	1.3	1.3	- .1	- .1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.7	6.8	6.3	- .1	.4
Nondurable Goods	8.6	8.6	8.7	0	- .1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.7	1.7	1.8	0	- .1
Apparel & Other Textile Products	1.6	1.6	1.7	0	- .1
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.5	2.5	2.4	0	.1
NONMANUFACTURING	82.5	84.2	83.3	- 1.7	- .8
Mining	.1	.1	.1	0	0
Construction	5.0	6.0	5.8	- 1.0	- .8
Transportation & Public Utilities	9.6	9.6	10.0	0	- .4
Wholesale & Retail Trade	25.9	26.5	25.7	- .6	.2
Wholesale Trade	7.4	7.4	7.4	0	0
Retail Trade	18.5	19.1	18.3	- .6	.2
Finance, Insurance & Real Estate	6.3	6.2	6.3	.1	0
Services	19.5	19.7	19.3	- .2	.2
Government	16.1	16.1	16.1	0	0
Federal Government	3.1	3.1	3.2	0	- .1
State & Local Government	13.0	13.0	12.9	0	.1

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
MANUFACTURING	$261.49	$262.76	$236.81	39.5	40.3	39.8	$6.62	$6.52	$5.95
Durable Goods	260.83	269.28	243.21	39.7	41.3	40.2	6.57	6.52	6.05
Lumber and Wood Products	186.50	192.06	161.91	37.6	38.8	35.9	4.96	4.95	4.51
Furniture and Fixtures	171.45	179.05	158.53	38.1	40.6	38.2	4.50	4.41	4.15
Household and Office Furniture	170.62	178.20	158.18	38.0	40.5	38.3	4.49	4.40	4.13
Stone, Clay and Glass Products	232.86	248.64	217.25	38.3	42.0	39.5	6.08	5.92	5.50
Structural Clay Products	142.38	227.38	192.15	22.6	42.5	37.9	6.30	5.35	5.07
Glass and Glass Products	240.77	257.88	228.54	39.6	42.0	39.2	6.08	6.14	5.83
Primary Metal Industries	357.85	363.69	292.70	42.1	43.4	39.5	8.50	8.38	7.41
Fabricated Metal Products	310.43	323.67	308.32	40.9	42.2	41.0	7.59	7.67	7.52
Fabricated Structural Metal Products	293.30	319.36	310.37	40.4	42.3	41.0	7.26	7.55	7.57
Machinery, except Electrical	273.86	287.82	257.86	38.9	41.0	40.8	7.04	7.02	6.32
Construction and Related Machinery	268.03	303.36	247.50	38.4	41.5	39.1	6.98	7.31	6.33
Special Industry Machinery	325.62	316.16	294.77	40.3	40.9	41.4	8.08	7.73	7.12
Refrigeration and Service Machinery	269.74	268.66	275.46	36.9	38.6	41.8	7.31	6.96	6.59
Electric and Electronic Equipment	268.13	277.89	247.83	39.9	41.6	41.1	6.72	6.68	6.03
Communication Equipment	292.87	296.84	272.66	39.9	41.0	41.5	7.34	7.24	6.57
Instruments and Related Products	205.50	212.40	205.00	38.7	40.0	38.9	5.31	5.31	5.27
Miscellaneous Manufacturing Industries	211.88	231.90	195.97	37.5	40.9	38.2	5.65	5.67	5.13
Nondurable Goods	262.80	257.54	234.04	39.4	39.5	39.6	6.67	6.52	5.91
Food and Kindred Products	223.80	216.02	199.09	37.3	36.8	36.8	6.00	5.87	5.41
Tobacco Manufactures	432.60	406.83	323.94	41.2	40.4	38.2	10.50	10.07	8.48
Cigarettes	463.68	434.30	335.29	42.0	40.4	37.8	11.04	10.75	8.87
Textile Mill Products	210.94	216.36	204.54	39.8	40.9	42.0	5.30	5.29	4.87
Weaving Mills, Cotton, Synthetics and Wool	228.10	234.21	225.57	41.1	42.2	43.8	5.55	5.55	5.15
Knitting Mills	188.10	186.96	170.31	37.1	38.0	[illegible]	5.07	4.92	4.47
Yarn and Thread Mills	196.91	195.99	161.50	42.9	42.7	39.2	4.59	4.59	4.12
Miscellaneous Textile Goods	224.28	222.60	222.89	42.0	[illegible]	44.4	5.34	5.30	5.02
Apparel and Other Textile Products	159.07	153.30	147.86	36.4	36.5	36.6	4.37	4.20	4.04
Men's and Boys' Suits, Coats and Furnishings	163.05	152.77	151.11	35.6	34.8	36.5	4.58	4.39	4.14
Women's and Children's Outerwear & Undergarments	157.87	155.42	146.77	36.8	38.0	36.6	4.29	4.09	4.01
Paper and Allied Products	357.41	356.03	320.11	43.8	43.9	43.2	8.16	8.11	7.41
Pulp, Paper and Paperboard	427.21	427.63	377.58	45.4	45.3	43.3	9.41	9.44	8.72
Misc. Converted Paper and Paperboard Products, Containers and Boxes	288.49	286.52	262.66	42.3	42.7	43.2	6.82	6.71	6.08
Printing and Publishing	317.68	304.57	300.99	38.6	38.7	39.5	8.23	7.87	7.62
Newspapers and Periodicals	269.73	284.38	242.14	34.1	36.6	34.2	7.91	7.77	7.08
Chemical and Allied Products	356.17	351.10	311.17	42.3	41.6	41.6	8.42	8.44	7.48
Plastic Materials and Synthetics	371.52	358.98	319.90	43.1	41.5	41.6	8.62	8.65	7.69
Agricultural Chemicals	257.91	249.72	203.72	42.7	41.9	40.5	6.04	5.96	5.03
Leather and Leather Products	143.08	136.86	134.68	36.5	37.6	36.9	3.92	3.64	3.65

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
MANUFACTURING	$218.04	$220.66	$202.07	36.4	37.4	37.7	$5.99	$5.90	$5.36
Durable Goods	1)280.21	267.07	240.78	39.3	40.1	40.4	1)7.13	6.66	5.96
Fabricated Metal Products	1)390.57	349.66	292.92	40.1	40.8	38.9	1)9.74	8.57	7.53
Machinery and Transportation Equipment	249.87	251.20	235.39	38.8	40.0	40.1	6.44	6.28	5.87
Nondurable Goods	156.11	153.77	154.01	33.5	34.4	34.3	4.66	4.47	4.49
Food and Kindred Products	195.28	194.22	184.10	34.2	35.9	35.0	5.71	5.41	5.26
Apparel and Other Textile Products	1)120.43	132.11	121.03	1)30.8	32.7	31.6	1)3.91	4.04	3.83

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,900 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
MANUFACTURING	$260.90	$262.22	$239.60	40.2	41.1	39.8	$6.49	$6.38	$6.02
Durable Goods	270.64	274.64	249.15	39.8	41.3	39.8	6.80	6.65	6.26
Lumber and Wood Products and Furniture and Fixtures	169.63	177.41	148.63	37.2	39.6	35.9	4.56	4.48	4.14
Nondurable Goods	246.43	243.76	225.44	40.8	40.9	39.9	6.04	5.96	5.65
Food and Kindred Products	279.98	258.69	234.00	45.6	42.9	42.7	6.14	6.03	5.48
Textile Mill Products	235.87	236.32	244.11	41.6	42.2	45.8	5.67	5.60	5.33
Apparel and Other Textile Products	145.09	138.64	126.82	34.3	35.1	33.2	4.23	3.95	3.82
Paper and Allied Products	412.78	409.58	355.02	53.4	53.4	50.5	7.73	7.67	7.03

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
MANUFACTURING	$291.99	$307.22	$258.80	41.3	42.2	40.0	$7.07	$7.28	$6.47
Durable Goods	315.24	334.18	280.14	42.6	43.4	40.6	7.40	7.70	6.90
Lumber and Wood Products	235.82	282.32	205.02	40.8	44.6	39.2	5.78	6.33	5.23
Stone, Clay, and Glass Products	279.34	279.64	232.13	45.2	44.6	40.3	6.18	6.27	5.76
Fabricated Metal Products	212.00	217.95	216.07	35.1	39.7	41.0	6.04	5.49	5.27
Machinery, except Electrical	243.58	254.81	216.31	39.8	41.5	39.4	6.12	6.14	5.49
Transportation Equipment	390.03	420.44	351.95	45.3	46.0	42.2	8.61	9.14	8.34
Nondurable Goods	248.57	254.72	218.66	38.9	39.8	38.7	6.39	6.40	5.65
Food and Kindred Products	224.15	229.12	196.50	37.8	39.3	37.5	5.93	5.83	5.24
Apparel and Other Textile Products	165.07	159.65	144.63	36.6	35.4	35.8	4.51	4.51	4.04
Chemicals and Allied Products	253.37	252.35	234.92	40.8	40.9	42.1	6.21	6.17	5.58

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,000 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
MANUFACTURING	$284.21	$278.00	$266.66	40.2	40.0	40.1	$7.07	$6.95	$6.65
Durable Goods	273.90	272.58	262.89	41.5	41.3	41.4	6.60	6.60	6.35
Stone, Clay, and Glass Products	229.51	244.61	213.00	38.9	40.7	37.7	5.90	6.01	5.65
Fabricated Metal Products	288.64	293.28	275.46	41.0	41.6	41.8	7.04	7.05	6.59
Electric and Electronic Equipment	1)301.84	307.40	296.01	44.0	42.4	45.4	1)6.86	7.25	6.52
Nondurable Goods	300.29	284.97	282.41	38.4	38.2	38.9	7.82	7.46	7.26
Food and Kindred Products	302.74	289.76	267.30	40.8	40.3	40.5	7.42	7.19	6.60

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
MANUFACTURING	$304.87	$313.75	$277.36	39.8	40.8	38.9	$7.66	$7.69	$7.13
Durable Goods	175.08	195.85	159.59	39.7	42.3	37.2	4.41	4.63	4.21
Lumber and Wood Products and Furniture and Fixtures	126.04	158.79	130.85	33.7	40.2	34.8	3.74	3.95	3.76
Nondurable Goods	349.12	351.01	315.21	39.9	40.3	39.5	8.75	8.71	7.98
Food & Kindred Products	219.88	218.06	233.70	41.1	41.3	41.0	5.35	5.28	5.70
Chemicals & Allied Products	379.22	404.32	356.58	41.4	43.9	42.0	9.16	9.21	8.49

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,300 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
MANUFACTURING	$357.32	$360.82	$304.50	41.5	42.3	40.6	$8.61	$8.53	$7.50
Durable Goods	318.35	345.14	290.39	40.4	42.4	40.9	7.88	8.14	7.10
Lumber and Wood Products	186.28	186.76	178.60	39.3	40.6	39.6	4.74	4.60	4.51
Furniture and Fixtures	184.61	187.20	175.50	38.3	40.0	39.0	4.82	4.68	4.50
Primary Metal Industries	479.14	531.65	420.55	40.4	42.6	39.9	11.86	12.48	10.54
Fabricated Metal Products	400.16	470.41	346.80	42.3	43.8	40.8	9.46	10.74	8.50
Fabricated Structural Metal Products	459.42	554.38	382.44	42.5	44.6	41.3	10.81	12.43	9.26
Nondurable Goods	372.91	367.59	308.61	41.9	42.3	40.5	8.90	8.69	7.62
Food and Kindred Products	267.76	230.78	229.25	42.3	36.4	39.8	6.33	6.34	5.76
Tobacco Manufactures	461.49	463.22	335.23	42.3	43.7	38.4	10.91	10.60	8.73
Cigarettes	468.84	467.20	339.34	42.2	43.1	38.3	11.11	10.84	8.86
Apparel and Other Textile Products	171.38	165.44	156.59	38.0	37.6	38.1	4.51	4.40	4.11
Paper and Allied Products	330.57	319.88	292.90	43.9	43.7	43.2	7.53	7.52	6.78
Printing and Publishing	355.90	325.55	359.98	39.5	38.3	42.5	9.01	8.50	8.47
Chemicals and Allied Products	392.28	391.02	345.26	42.0	42.0	41.2	9.34	9.31	8.38

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
MANUFACTURING	$244.73	$260.20	$224.56	39.6	41.9	40.1	$6.18	$6.21	$5.60
Durable Goods	252.68	270.08	226.64	40.3	42.6	40.4	6.27	6.34	5.61
Fabricated Metal Products	232.58	247.95	219.54	40.1	43.5	41.5	5.80	5.70	5.29
Fabricated Structural Metal Products	227.55	262.39	213.44	39.3	44.7	40.5	5.79	5.87	5.27
Nondurable Goods	233.53	246.22	219.38	38.6	40.9	39.6	6.05	60.2	5.54
Food and Kindred Products	260.34	266.22	213.46	44.2	45.9	40.2	5.89	5.80	5.31
Textile Mill Products	190.32	189.51	187.96	39.0	39.4	41.4	4.88	4.81	4.54

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980
Virginia	$261.49	$262.76	$236.81	$205.90	$208.15	$190.02	$225.06	$227.39	$207.70
Bristol Area	218.04	220.66	216.02	175.50	178.54	175.16	192.23	195.41	191.79
Lynchburg SMSA	260.90	262.22	239.60	205.49	207.77	191.97	224.62	226.98	209.81
Norfolk-Virginia Beach-Portsmouth SMSA	291.99	307.22	258.80	226.56	238.41	205.38	248.04	261.08	224.38
Northern Virginia Area	284.21	278.00	266.66	221.32	218.58	210.88	242.18	238.95	230.34
Petersburg-Colonial Heights-Hopewell SMSA	304.87	313.75	277.36	235.23	242.60	218.14	257.75	265.84	238.46
Richmond SMSA	357.32	360.82	304.50	268.57	272.67	236.56	295.73	300.14	259.05
Roanoke SMSA	244.73	260.20	224.56	194.28	206.36	181.39	212.43	225.44	198.40

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	January 1981 2/	December 1980	January 1980	December 1979
NONAGRICULTURAL	2,157.3	2,144.0	2,142.2	2,120.9
MANUFACTURING	412.0	411.0	417.0	415.1
Durable Goods	189.2	188.2	191.4	191.4
Lumber & Wood Products	24.3	24.0	24.1	24.4
Furniture and Fixtures	25.7	25.4	26.9	27.1
Stone, Clay and Glass Products	12.5	12.6	13.5	13.4
Primary Metal Industries	12.0	12.1	13.3	13.4
Fabricated Metal Products	20.3	20.4	21.0	21.2
Machinery, except Electrical	15.4	15.3	15.7	15.5
Electric and Electronic Equipment	33.8	33.2	33.2	33.3
Transportation Equipment	38.3	38.2	36.6	36.2
Instruments and Related Products	4.0	4.1	3.9	3.9
Nondurable Goods	223.0	223.0	225.8	223.8
Food and Kindred Products	41.3	41.4	42.7	42.4
Tobacco Manufactures	16.9	17.1	15.9	15.8
Textile Mill Products	45.3	44.3	45.6	44.7
Apparel and Other Textile Products	34.1	34.5	35.3	34.5
Paper and Allied Products	14.6	14.7	14.8	14.8
Printing and Publishing	22.1	22.0	21.5	21.3
Chemicals and Allied Products	33.1	33.1	33.9	33.8
Leather and Leather Products	3.6	3.7	3.6	3.7
MINING	26.0	25.2	26.2	25.2
Bituminous Coal and Lignite Mining	23.0	22.4	22.5	21.5
CONTRACT CONSTRUCTION	120.8	123.6	139.1	137.4
TRANSPORTATION & PUBLIC UTILITIES	115.8	114.2	114.8	114.4
Railroad Transportation	13.7	13.0	14.0	13.8
Trucking and Warehousing	30.1	29.4	30.5	30.1
Transportation by Air	11.0	10.8	11.3	11.5
Communication	29.6	29.5	27.6	27.5
Electric, Gas and Sanitary Services	16.8	16.8	15.8	15.6
WHOLESALE AND RETAIL TRADE	456.8	450.0	449.9	442.1
Wholesale Trade	105.9	105.8	104.5	103.9
Retail Trade	348.8	344.2	343.4	338.1
General Merchandise Stores	55.6	54.8	56.6	54.7
Food Stores	56.2	55.0	53.6	52.3
FINANCE, INSURANCE & REAL ESTATE	107.9	107.0	106.1	105.3
Banking	31.4	31.1	31.0	30.7
Insurance Carriers	20.4	20.2	19.8	19.9
SERVICES	401.3	396.8	386.6	381.4
Personal Services	24.5	24.9	24.3	24.1
Business Services	78.5	78.5	75.4	74.9
GOVERNMENT	514.0	516.4	500.9	501.0
Federal Government	154.9	155.8	153.9	154.7
State and Local Government	359.3	360.7	347.2	346.2
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	40.3	39.7	40.6	39.7
Durable Goods	41.3	40.2	41.8	39.9
Lumber and Wood Products	39.5	38.6	37.7	37.4
Furniture and Fixtures	40.7	39.2	40.8	39.8
Household & Office Furniture	40.6	39.0	40.9	39.5
Stone, Clay & Glass Products	39.7	41.1	41.4	41.6
Primary Metal Industries	42.3	42.7	40.0	35.5
Fabricated Metal Products	41.8	40.9	42.8	40.8
Fabricated Structural Metal Products	41.0	40.7	43.1	42.5
Machinery, except Electrical	38.9	40.1	40.8	41.8
Electric and Electronic Equipment	40.8	41.3	42.0	39.5
Instruments & Related Products	38.9	38.9	39.1	39.7
Miscellaneous Manufacturing Industries	40.1	39.6	41.4	37.2
Nondurable Goods	40.2	39.1	40.4	39.5
Food & Kindred Products	37.8	36.6	37.3	38.1
Tobacco Manufactures	42.6	38.8	39.5	37.7
Cigarettes	42.9	38.6	39.4	37.6
Textile Mill Products	40.7	40.8	42.9	42.3
Weaving Mills, Cotton, Synthetics and Wool	41.8	41.2	44.6	43.7
Knitting Mills	39.3	48.2	41.1	39.7
Apparel & Other Textile Products	38.4	36.3	38.6	35.6
Men's and Boys' Suits, Coats and Furnishings	38.3	35.1	39.2	36.1
Women's and Children's Outerwear & Undergarments	38.3	37.9	38.1	35.1
Paper & Allied Products	43.4	43.3	42.8	43.0
Pulp, Paper and Paperboard	45.4	45.0	43.3	44.0
Printing and Publishing	38.8	38.0	39.6	39.5
Newspapers and Periodicals	35.2	35.6	35.3	35.9
Chemicals & Allied Products	42.9	41.8	42.2	41.9
Plastics Materials & Synthetics	43.5	41.8	42.0	41.5
Agricultural Chemicals	43.5	42.4	41.2	41.3
Leather & Leather Products	37.9	37.2	38.3	36.7

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1979
JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	491.6
1980	2,130.4	410.7	23.6	124.0	114.8	447.5	105.6	387.1	516.2
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2.096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	[illegible]	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,157.3	412.0	26.0	120.8	115.8	456.8	107.9	401.3	514.0

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

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EMPLOYMENT HOURS AND EARNINGS

VOLUME 30
NUMBER 3

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF RESEARCH AND STATISTICS

MARCH 1981

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Explanatory Notes

ECONOMIC SLOWDOWN NOTED IN FEBRUARY
NONFARM EMPLOYMENT DOWN 2,300 OVER THE MONTH

EMPLOYERS ACROSS VIRGINIA HAD 2,108,100 WORKERS ON NONAGRICULTURAL PAYROLLS IN FEBRUARY 1981. This was 2,300 fewer than the total in January. However, when compared to year ago levels, the current figure was 20,600 above the 2,087,500 persons counted in February 1980. Since February is normally the low point of the year in employment, it is significant that the number of workers on payrolls remained above last year. Downtrends this year were recorded in trade, manufacturing, construction, and transportation and public utilities. Services, government, and finance, insurance and real estate moved up in their worker counts, while only mining remained unchanged over the month. After an extremely cold January reference week when virtually all outdoor work was at a standstill, a relatively mild February reporting period saw some pickup in these types of activity. Yet this was not enough to eradicate plant shutdowns in manufacturing, sagging sales in trade and the prolonged problems of the construction industry.

SERVICES EMPLOYMENT GAINED GROUND WITH AN INCREASE OF 1,800 WORKERS. While tourist-related service establishments were dormant, as is normal for this season of the year, income tax preparation companies, repair shops, and medical and health service firms were adding to their staffs. Private schools also registered increases over the month. Government employment too was on the upswing-plus 900. While some gains were made in both state and local government agencies, the larger portion of the rise was in educational systems. Reductions in federal workers were small but scattered throughout various agencies across the state. Also in the plus column this month (+300) was the finance, insurance and real estate division. Although the market for new homes continues to deteriorate, a few real estate organizations made limited increases to their numbers. Insurance agencies made some modest increases to their work forces. However, part of these gains were eroded by bank layoffs.

SEASONAL INFLUENCES PROMPTED LAYOFFS IN BOTH TRADE AND CONSTRUCTION. The first three months of every year are traditionally the low points for the trade segment of the economy and 1981 is following this same pattern. Reductions in retail trade were widespread, with department stores contributing the most to the downtrend. While consumer spending is not booming, consumer attitudes showed some improvement in February when compared to January. The boost in spending stemmed primarily from car sales, when dealers slashed prices during midmonth sales. Rising costs of food and fuel also contributed to increased sales volumes. After January's severe winter weather, February was a relatively mild month. This was a relief for the construction industry. Although construction employment was down this month, the over-the-month drop was not as heavy as in previous years due to recalls after the massive layoffs in January.

ECONOMIC SLOWDOWN NOTED IN FEBRUARY
NONFARM EMPLOYMENT DOWN 2,300 OVER THE MONTH

(continued from page 1)

High interest rates and tight money supplies continue to be a deterrant to the building industry.

IN THE MANUFACTURING SECTOR NONDURABLE GOODS PAYROLLS HELD STEADY WHILE DURABLE GOODS EMPLOYMENT DIPPED. A decline of 2,200 persons on durable goods rolls from the January figure was traceable principally to plant shutdowns by truck manufacturers. A slowdown in sales prompted the closings. Many firms that supply this industry with parts and materials also noted sharp declines. Recalls by some brickyards after being closed last month helped to soften some of the impact of the downturn. Among nondurable goods producers, seasonal layoffs were reported by tobacco manufactures and several temporary plant closings occurred in the apparel industry, due to a lack of work. These reductions were counterbalanced by the use of more workers in food processing firms, chemical plants, printing shops and textile mills. Both durable and nondurable goods employment totals remain below year ago levels-4,500 in durable goods and 3,600 in nondurable goods. Only in a few instances does this year's levels of employment exceed the corresponding period last year and only in printing and tobacco is the figure more than one hundred.

AVERAGE WEEKLY EARNINGS OF VIRGINIA'S 310,400 FACTORY PRODUCTION WORKERS WERE $259.52 IN FEBRUARY. This was a drop of $1.18 over the month but an increase of $24.90 over the year. It is significant that even with fewer persons working that the average workweek held steady over the month at 39.5 hours. This was two-tenths of an hour longer than in the corresponding period last year. Hourly earnings were down three cents to $6.57, but were sixty cents above last year. Trends in the metropolitan areas were mixed. Production workers in Bristol, Northern Virginia and Richmond had higher weekly earnings while in the other areas, workers earned less. Average workweeks were longer only in the Bristol and Northern Virginia Areas.

THE BUREAU OF LABOR STATISTICS ALL URBAN CONSUMER PRICE INDEX (U.S. CITY AVERAGE) rose 1.0 percent in February to 263.2 (1967=100). The index was up 11.3 percent over the year. The Urban Wage Earners and Clerical Workers Index, at 263.5 was up 1.0 percent over the month and 11.4 percent over the year. Index figures for March 1981 will be released on April 23, 1981 and may be secured by calling 804-786-4490.

THE PRODUCERS PRICE INDEX for all commodities was 286.9 (1967=100) in February. The monthly increase was 1.2 percent and the yearly gain was 10.4 percent. The index for finished goods rose 1.0 percent between January and February 1981. The index at 262.4 was 10.4 percent higher than the corresponding period a year earlier.

Table B-1.

LABOR FORCE ESTIMATES[1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed[2]			Unemployed			Per Cent of Labor Force		
	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	January 1981	December 1980	January 1980	Jan. 1981	Dec. 1980	Jan. 1980
United States	104,671,000	104,778,000	103,188,000	96,128,000	97,545,000	96,145,000	8,543,000	7,233,000	7,043,000	8.2	6.9	6.8
Virginia	2,518,800	2,541,000	2,480,000	2,380,300	2,413,600	2,343,100	138,500	127,400	136,900	5.5	5.0	5.5
Bristol Area	39,380	39,520	37,770	36,420	37,260	35,330	2,960	2,260	2,440	7.5	5.7	6.5
Lynchburg SMSA	75,980	76,820	75,990	72,480	73,280	72,040	3,500	3,540	3,950	4.6	4.6	5.2
Newport News-Hampton SMSA	166,590	168,910	161,570	158,140	160,140	151,310	8,450	8,770	10,260	5.1	5.2	6.4
Norfolk-Virginia Beach-Portsmouth SMSA	325,620	328,300	322,360	306,030	309,580	303,100	19,590	18,720	19,260	6.0	5.7	6.0
Northern Virginia Area	567,700	574,100	551,000	549,800	556,300	530,900	17,900	17,800	20,100	3.1	3.1	3.6
Petersburg-Colonial Heights-Hopewell SMSA	59,380	61,080	58,240	55,400	57,300	54,610	3,980	3,780	3,630	6.7	6.2	6.2
Richmond SMSA	331,340	333,920	324,930	319,660	322,540	312,730	11,680	11,380	12,200	3.5	3.4	3.8
Roanoke SMSA	110,340	111,770	109,790	104,790	106,720	103,720	5,550	5,050	6,070	5.0	4.5	5.5

[1] **All data adjusted to a place-of-residence basis**

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL 1/	2,108.1	2,110.4	2,087.5	- 2.3	20.6
MANUFACTURING	406.5	408.7	414.6	- 2.2	- 8.1
Durable Goods	185.8	188.0	190.3	- 2.2	- 4.5
Lumber and Wood Products	23.2	23.2	23.6	0	- .4
Millwork, Plywood and Structural Members	6.3	6.3	6.3	0	0
Wood Containers	1.9	1.8	1.7	.1	.2
Wood Buildings and Mobile Homes	2.9	3.1	3.1	- .2	- .2
Miscellaneous Wood Products	2.0	2.0	2.3	0	- .3
Furniture and Fixtures	26.1	26.1	27.2	0	- 1.1
Household and Office Furniture	24.8	24.6	25.7	.2	- .9
Stone, Clay and Glass Products	12.4	12.1	13.0	.3	- .6
Structural Clay Products	.6	.6	.9	0	- .3
Concrete Gypsum and Plaster Products	7.3	7.2	7.5	.1	- .2
Glass and Glass Products	1.7	1.6	1.8	.1	- .1
Primary Metal Industries	11.8	12.0	13.3	- .2	- 1.5
Fabricated Metal Products	20.2	20.4	21.1	- .2	- .9
Fabricated Structural Metal Products	12.8	13.0	13.2	- .2	- .4
Machinery, except Electrical	15.2	15.2	15.5	0	- .3
Construction and Related Machinery	4.6	4.6	4.7	0	- .1
Special Industry Machinery	2.4	2.4	2.5	0	- .1
Refrigeration and Service Machinery	2.0	2.0	2.0	0	0
Electric and Electronic Equipment	33.4	33.6	33.3	- .2	.1
Communication Equipment	11.5	11.5	11.5	0	0
Electronic Components and Accessories	5.4	5.4	5.5	0	- .1
Transportation Equipment	36.0	37.9	35.9	- 1.9	.1
Instruments and Related Products	4.0	4.0	3.9	0	.1
Miscellaneous Manufacturing Industries	3.5	3.5	3.5	0	0
Nondurable Goods	220.7	220.7	224.3	0	- 3.6
Food and Kindred Products	41.1	40.5	41.6	.6	- .5
Meat Products	13.1	13.1	13.3	0	- .2
Dairy Products	2.8	2.8	2.5	0	.3
Preserved Fruits and Vegetables	3.4	3.1	3.9	.3	- .5
Bakery Products	5.1	5.1	5.1	0	0
Beverages	5.6	5.6	5.4	0	.2
Tobacco Manufactures	16.6	17.1	16.4	- .5	.2
Cigarettes	14.2	14.4	13.8	- .2	.4
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	2.0	2.3	2.2	- .3	- .2
Textile Mill Products	45.0	44.9	45.4	.1	- .4
Weaving Mills, Cotton, Synthetics and Wool	18.8	19.0	19.0	- .2	- .2
Narrow Fabric Mills	1.2	1.2	1.4	0	- .2
Knitting Mills	14.4	14.2	13.4	.2	1.0
Textile Finishing, except Wool	4.6	4.6	5.4	0	- .8
Yarn and Thread Mills	3.1	3.0	3.2	.1	- .1
Miscellaneous Textile Goods	1.2	1.2	1.3	0	- .1
Apparel and Other Textile Products	33.0	33.6	35.2	- .6	- 2.2
Men's and Boys' Suits, Coats and Furnishings	12.0	12.5	13.3	- .5	- 1.3
Women's and Children's Outerwear & Undergarments	17.2	17.4	17.9	- .2	- .7
Miscellaneous Fabricated Textile Products	1.7	1.6	1.9	.1	- .2
Paper and Allied Products	14.5	14.5	14.6	0	- .1
Pulp, Paper and Paperboard	7.6	7.6	7.6	0	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.1	6.1	6.2	0	- .1
Miscellaneous Converted Paper Products	2.4	2.4	2.6	0	- .2
Paperboard Containers and Boxes	3.7	3.7	3.6	0	.1
Printing and Publishing	22.1	22.0	21.6	.1	.5
Newspapers and Periodicals	8.2	8.3	8.3	- .1	- .1
Commercial Printing	8.2	8.2	8.2	0	0
Chemicals and Allied Products	32.9	32.7	33.6	.2	- .7
Industrial Inorganic Chemicals	.8	.8	.9	0	- .1
Plastics Materials and Synthetics	19.3	19.2	20.5	.1	- 1.2
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.7	1.6	1.7	.1	0
Miscellaneous Chemical Products	3.5	3.5	3.1	0	.4
Petroleum, Rubber and Misc. Plastics Products	12.0	11.9	12.4	.1	- .4
Miscellaneous Plastics Products	5.6	5.6	5.8	0	- .2
Rubber and Rubber Products	6.0	6.0	6.4	0	- .4
Leather and Leather Products	3.5	3.5	3.5	0	0

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
(Continued from page 4)					
NONMANUFACTURING	1,701.6	1,701.7	1,672.9	- .1	28.7
Mining	23.6	23.6	23.9	0	- .3
Bituminous Coal and Lignite Mining	20.8	20.8	20.6	0	.2
Construction	106.9	107.1	116.2	- .2	- 9.3
Transportation and Public Utilities	114.2	114.3	113.1	- .1	1.1
Railroad Transportation	13.5	13.5	13.8	0	- .3
Trucking and Warehousing	28.7	28.7	29.0	- 0	- .3
Transportation by Air	11.0	11.0	10.9	0	.1
Communication	28.7	29.4	27.6	- .7	1.1
Electric, Gas and Sanitary Services	17.0	16.8	15.9	.2	1.1
Wholesale and Retail Trade	445.7	448.5	436.7	- 2.8	9.0
Wholesale	105.1	105.3	104.0	- .2	1.1
Wholesale Trade Durable Goods	63.7	63.7	63.7	0	0
Wholesale Trade Nondurable Goods	41.4	41.6	40.3	- .2	1.1
Retail	340.6	343.2	332.7	- 2.6	7.9
General Merchandise Stores	55.8	56.9	54.7	- 1.1	1.1
Department Stores	41.2	42.2	41.2	- 1.0	0
Variety Stores	9.0	9.0	8.5	0	.5
Food Stores	55.4	55.5	53.3	- .1	2.1
Automotive Dealers and Service Stations	46.2	46.2	46.2	0	0
Furniture and Home Furnishings Stores	15.4	15.5	16.1	- .1	- .7
Miscellaneous Retail	43.3	43.7	43.0	- .4	.3
Finance, Insurance and Real Estate	106.0	105.7	104.4	.3	1.6
Banking	30.9	31.0	30.8	- .1	.1
Insurance Carriers	20.4	20.2	19.8	.2	.6
Real Estate	23.0	22.8	22.7	.2	.3
Services	389.8	388.0	375.6	1.8	14.2
Personal Services	26.1	25.4	24.8	.7	1.3
Business Services	76.8	77.1	74.3	- .3	2.5
Auto and Miscellaneous Repair Service	18.9	18.8	17.9	.1	1.0
Health Services	103.0	102.8	98.9	.2	4.1
Government	515.4	514.5	503.0	.9	12.4
Federal Government	153.7	154.0	152.9	- .3	.8
State and Local Government	361.7	360.5	350.1	1.2	11.6
State Government	119.8	119.6	119.8	.2	0
Local Government	241.9	240.9	230.3	1.0	11.6

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1980
JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	113.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,108.1	406.5	23.6	106.9	114.2	445.7	106.0	389.8	515.4
March									
April									
May									
June									
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the countires of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL 1/	893.3	893.2	874.8	.1	18.5
MANUFACTURING	143.2	143.4	146.7	- .2	- 3.5
Durable Goods	44.8	45.1	45.5	- .3	- .7
Lumber and Wood Products	4.1	4.1	4.2	0	- .1
Furniture and Fixtures	9.1	9.0	9.3	.1	- .2
Stone, Clay and Glass Products	1.3	1.3	1.5	0	- .2
Primary Metal Industries	2.0	2.0	2.0	0	0
Fabricated Metal Products	3.5	3.4	3.6	.1	- .1
Machinery, except Electrical	2.4	2.4	2.4	0	0
Electric and Electronic Equipment	14.8	15.0	14.9	- .2	- .1
Transportation Equipment	4.8	5.1	4.9	- .3	- .1
Instruments and Related Products	1.7	1.7	1.6	0	.1
Miscellaneous Manufacturing Industries	1.1	1.1	1.1	0	0
Nondurable Goods	98.4	98.3	101.2	.1	- 2.8
Food and Kindred Products	14.4	14.0	15.2	.4	- .8
Tobacco Manufactures	5.7	5.8	5.6	- .1	.1
Textile Mill Products	24.9	24.6	24.5	.3	.4
Apparel and Other Textile Products	29.6	30.1	31.7	- .5	- 2.1
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.6	7.6	7.7	0	- .1
Chemicals and Allied Products	8.4	8.4	8.6	0	- .2
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.8	0	- .1
Leather and Leather Products	2.6	2.6	2.6	0	0
NONMANUFACTURING	750.1	749.8	728.1	.3	22.0
Mining	.6	.6	.6	0	0
Construction	7.3	7.3	7.7	0	- .4
Transportation and Public Utilities	28.1	28.4	27.4	- .3	.7
Wholesale and Retail Trade	184.0	185.4	179.9	- 1.4	4.1
Wholesale Trade	20.4	20.4	20.6	0	- .2
Retail Trade	163.6	165.0	159.3	- 1.4	4.3
Finance, Insurance and Real Estate	60.9	60.8	59.2	.1	1.7
Services	216.1	214.9	208.7	1.2	7.4
Government	253.1	252.4	244.6	.7	8.5
Federal Government	55.3	55.3	53.1	0	2.2
State and Local Government	197.8	197.1	191.5	.7	6.3

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
MANUFACTURING	310.4	312.6	319.1	-2.2	-8.7
Durable Goods	139.9	142.1	143.8	-2.2	-3.9
Lumber and Wood Products	19.8	19.8	20.0	0	-.2
Millwork, Plywood and Structural Members	5.2	5.2	5.2	0	0
Wood Containers	1.7	1.6	1.6	.1	.1
Wood Buildings and Mobile Homes	2.1	2.3	2.2	-.2	-.1
Miscellaneous Wood Products	1.8	1.8	2.0	0	-.2
Furniture and Fixtures	22.0	21.9	22.6	.1	-.6
Household and Office Furniture	21.1	20.9	21.6	.2	-.5
Stone, Clay and Glass Products	9.8	9.4	10.5	.4	-.7
Structural Clay Products	.5	.5	.8	0	-.3
Concrete Gypsum and Plaster Products	5.9	5.7	6.0	.2	-.1
Glass and Glass Products	1.3	1.2	1.5	.1	-.2
Primary Metal Industries	6.4	6.6	7.6	-.2	-1.2
Fabricated Metal Products	13.2	13.4	13.9	-.2	-.7
Fabricated Structural Metal Products	7.5	7.7	7.8	-.2	-.3
Machinery, except Electrical	10.6	10.7	10.9	-.1	-.3
Construction and Related Machinery	2.8	2.9	2.9	-.1	-.1
Special Industry Machinery	1.5	1.4	1.6	.1	-.1
Refrigeration and Service Machinery	1.3	1.3	1.3	0	0
Electric and Electronic Equipment	22.3	22.5	22.4	-.2	-.1
Communication Equipment	7.1	7.1	7.2	0	-.1
Electronic Components and Accessories	3.4	3.5	3.6	-.1	-.2
Transportation Equipment	30.7	32.7	30.8	-2.0	-.1
Instruments and Related Products	2.4	2.4	2.4	0	0
Miscellaneous Manufacturing Industries	2.7	2.7	2.7	0	0
Nondurable Goods	170.5	170.5	175.3	0	-4.8
Food and Kindred Products	29.7	29.2	30.5	.5	-.8
Meat Products	11.3	11.3	11.4	0	-.1
Dairy Products	1.4	1.4	1.2	0	.2
Preserved Fruits and Vegetables	2.8	2.5	3.3	.3	-.5
Bakery Products	2.5	2.5	2.6	0	-.1
Beverages	2.3	2.3	2.1	0	.2
Tobacco Manufactures	12.1	12.5	12.0	-.4	.1
Cigarettes	10.5	10.6	10.2	-.1	.3
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.3	1.6	1.5	-.3	-.2
Textile Mill Products	40.4	40.2	40.7	.2	-.3
Weaving Mills, Cotton, Synthetics and Wool	16.5	16.6	16.7	-.1	-.2
Narrow Fabric Mills	1.1	1.1	1.2	0	-.1
Knitting Mills	13.2	13.1	12.3	.1	.9
Textile Finishing, except Wool	4.3	4.3	5.0	0	-.7
Yarn and Thread Mills	2.8	2.7	2.9	.1	-.1
Miscellaneous Textile Goods	1.1	1.1	1.2	0	-.1
Apparel and Other Textile Products	29.8	30.4	32.2	-.6	-2.4
Men's and Boys' Suits, Coats and Furnishings	10.9	11.4	12.2	-.5	-1.3
Women's and Children's Outerwear & Undergarments	15.9	16.0	16.6	-.1	-.7
Miscellaneous Fabricated Textile Products	1.3	1.3	1.5	0	-.2
Paper and Allied Products	10.9	10.9	11.1	0	-.2
Pulp, Paper and Paperboard	5.3	5.3	5.5	0	-.2
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	5.0	5.1	0	-.1
Miscellaneous Converted Paper Products	2.1	2.1	2.2	0	-.1
Paperboard Containers and Boxes	2.9	2.9	2.9	0	0
Printing and Publishing	12.9	12.8	13.0	.1	-.1
Newspapers and Periodicals	3.0	3.0	3.0	0	0
Commercial Printing	6.2	6.2	6.4	0	-.2
Chemicals and Allied Products	22.4	22.3	23.1	.1	-.7
Industrial Inorganic Chemicals	.4	.4	.5	0	-.1
Plastics Materials and Synthetics	14.1	14.2	15.0	-.1	-.9
Drugs	1.3	1.2	1.2	.1	.1
Agricultural Chemicals	1.0	.9	1.0	.1	0
Miscellaneous Chemical Products	2.4	2.4	2.0	0	.4
Petroleum, Rubber and Misc. Plastics Products	9.1	9.0	9.5	.1	-.4
Miscellaneous Plastics Products	4.2	4.1	4.3	.1	-.1
Rubber and Rubber Products	4.7	4.7	5.1	0	-.4
Leather and Leather Products	3.2	3.2	3.2	0	0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December,'78 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL	28.3	28.5	28.0	- .2	.3
MANUFACTURING	9.3	9.3	9.6	0	- .3
Durable Goods	4.4	4.4	5.1	0	- .7
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.5	0	- .2
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.0	2.0	2.3	0	- .3
Other Durable Goods 1/	1.8	1.8	2.0	0	- .2
Nondurable Goods	4.9	4.9	4.5	0	.4
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.8	0	.3
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	19.0	19.2	18.4	- .2	.6
Construction	1.1	1.2	1.1	- .1	0
Transportation & Public Utilities	1.2	1.2	1.1	0	.1
Trade	6.6	6.7	6.5	- .1	.1
Wholesale Trade	1.7	1.7	1.8	0	- .1
Retail Trade	4.9	5.0	4.7	- .1	.2
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.7	3.8	3.7	- .1	0
Government	5.4	5.3	5.0	.1	.4
State and Local Government	5.0	5.0	4.7	0	.3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL	71.4	71.7	72.2	- .3	- .8
MANUFACTURING	28.8	29.1	29.5	- .3	- .7
Durable Goods	18.2	18.5	19.2	- .3	- 1.0
Lumber and Wood Products and Furniture and Fixtures	4.0	4.1	4.4	- .1	- .4
Other Durable Goods 1/	14.2	14.4	14.8	- .2	- .6
Nondurable Goods	10.6	10.6	10.3	0	.3
Food and Kindred Products	1.6	1.6	1.3	0	.3
Textile Mill Products	1.7	1.8	1.8	- .1	- .1
Apparel & Other Textile Products	2.6	2.6	2.5	0	.1
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.6	3.5	3.7	.1	- .1
NONMANUFACTURING	42.6	42.6	42.7	0	- .1
Construction	3.2	3.3	3.3	- .1	- .1
Transportation and Public Utilities	2.7	2.7	2.7	0	0
Wholesale and Retail Trade	11.4	11.4	11.9	0	- .5
Wholesale Trade	2.2	2.1	2.3	.1	- .1
Retail Trade	9.2	9.3	9.6	- .1	- .4
Finance, Insurance and Real Estate	3.6	3.6	3.5	0	.1
•Services and Mining	11.1	11.0	10.8	.1	.3
Government	10.6	10.6	10.5	0	.1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL	152.1	151.9	145.9	.2	6.2
MANUFACTURING	36.0	35.9	33.9	.1	2.1
Durable Goods	29.5	29.6	27.6	- .1	1.9
Stone, Clay & Glass Products	.5	.5	.4	0	.1
Transportation Equipment	25.4	25.4	23.0	0	2.4
Other Durable Goods 1/	3.6	3.7	4.2	- .1	- .6
Nondurable Goods	6.5	6.3	6.3	.2	.2
Food & Kindred Products	2.8	2.8	2.7	0	.1
Textile Mill Products & Apparel & Other Textile Products	.5	.5	.7	0	- .2
Printing and Publishing	1.2	1.2	1.2	0	0
Other Nondurable Goods 2/	2.0	1.8	1.7	.2	.3
NONMANUFACTURING	116.1	116.0	112.0	.1	4.1
Construction	6.5	6.5	6.5	0	0
Transportation and Public Utilities	5.1	5.1	4.9	0	.2
Wholesale and Retail Trade	28.6	28.6	27.7	0	.9
Wholesale Trade	3.3	3.3	3.3	0	0
Retail Trade	25.3	25.3	24.4	0	.9
Finance, Insurance and Real Estate	5.0	5.0	5.1	0	- .1
Services and Mining	28.0	27.8	25.9	.2	2.1
Government	42.9	43.0	41.9	- .1	1.0
Federal Government	16.8	16.8	16.8	0	0
State and Local Government	26.1	26.2	25.1	- .1	1.0

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL	281.0	282.2	281.3	- 1.2	- .3
MANUFACTURING	27.3	28.7	29.7	- 1.4	- 2.4
Durable Goods	16.0	17.3	17.8	- 1.3	- 1.8
Lumber & Wood Products	1.6	1.6	1.8	0	- .2
Stone, Clay and Glass Products	1.7	1.8	1.7	- .1	0
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.2	1.2	1.1	0	.1
Transportation Equipment	6.1	7.3	7.6	- 1.2	- 1.5
Other Durable Goods 1/	4.4	4.4	4.5	0	- .1
Nondurable Goods	11.3	11.4	11.9	- .1	- .6
Food and Kindred Products	5.3	5.4	5.8	- .1	- .5
Apparel & Other Textile Products	.9	.9	.8	0	.1
Printing and Publishing	2.3	2.3	2.3	0	0
Chemicals and Allied Products	1.3	1.3	1.5	0	- .2
Agricultural Chemicals	.7	.7	.8	0	- .1
Other Nondurable Goods 2/	1.5	1.5	1.5	0	0
NONMANUFACTURING	253.7	253.5	251.6	.2	2.1
Construction	14.8	14.6	14.7	.2	.1
Transportation & Public Utilities	19.0	18.6	18.8	.4	.2
Railroads	1.4	1.4	1.4	0	0
Wholesale and Retail Trade	69.0	69.2	68.3	- .2	.7
Wholesale Trade	14.2	14.1	14.8	.1	- .6
Retail Trade	54.8	55.1	53.5	- .3	1.3
Finance, Insurance & Real Estate	14.5	14.5	14.7	0	- .2
Banking	4.3	4.4	4.4	- .1	- .1
Insurance Carriers and Agents	3.0	3.0	3.2	0	- .2
Services and Mining	55.4	55.4	53.0	0	2.4
Personal Services	4.2	4.0	4.1	.2	.1
Government	81.0	81.2	82.1	- .2	- 1.1
Federal Government	36.5	36.7	37.1	- .2	- .6
State & Local Government	44.5	44.5	45.0	0	- .5

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	January 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL	432.2	432.7	421.9	- .5	10.3
MANUFACTURING	17.5	17.3	17.0	.2	.5
Durable Goods	10.3	10.2	10.2	.1	.1
Stone, Clay and Glass Products	1.0	1.0	1.1	0	- .1
Fabricated Metal Products	1.2	1.2	1.2	0	0
Machinery, except Electrical	.6	.6	.7	0	- .1
Electric and Electronic Equipment	5.5	5.4	5.2	.1	.3
Other Durable Goods 1/	2.0	2.0	2.0	0	0
Nondurable Goods	7.2	7.1	6.8	.1	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.6	4.5	4.5	.1	.1
Other Nondurable Goods 2/	1.5	1.5	1.2	0	.3
NONMANUFACTURING	414.7	415.4	404.9	- .7	9.8
Mining	.4	.4	.4	0	0
Construction	25.7	25.3	26.0	.4	- .3
Transportation & Public Utilities	28.7	29.1	28.6	- .4	.1
Transportation By Air	8.4	8.4	8.8	0	- .4
Electric, Gas & Sanitary Service	3.6	3.6	3.4	0	.2
Wholesale and Retail Trade	97.6	99.3	96.9	- 1.7	.7
Wholesale Trade	18.2	18.1	18.5	.1	- .3
Retail Trade	79.4	81.2	78.4	- 1.8	1.0
General Merchandise Stores	12.7	13.3	12.1	- .6	.6
Food Stores	9.2	9.2	8.9	0	.3
Auto. Dealers & Service Stations	12.2	12.2	11.9	0	.3
Apparel & Accessory Stores	5.2	5.2	5.1	0	.1
Eating & Drinking Places	22.5	22.7	21.7	- .2	.8
Finance, Insurance & Real Estate	27.4	27.2	26.4	.2	1.0
Banking	6.0	6.0	5.8	0	.2
Services	114.1	113.5	109.4	.6	4.7
Business Services	40.2	40.1	39.1	.1	1.1
Government	120.8	120.6	117.2	.2	3.6
Federal Government	68.2	68.2	66.4	0	1.8
State and Local Government	52.6	52.4	50.8	.2	1.8

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL	46.1	46.3	47.2	- .2	- 1.1
MANUFACTURING	11.6	11.7	12.0	- .1	- .4
Durable Goods	2.8	2.8	2.8	0	0
Lumber and Wood Products and Furniture & Fixtures	.8	.8	.7	0	.1
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.1	.1	.2	0	- .1
Other Durable Goods 1/	1.7	1.7	1.7	0	0
Nondurable Goods	8.8	3.9	9.2	- .1	- .4
Food and Kindred Products	.4	.4	.3	0	.1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.1	0	0
Chemicals and Allied Products	3.4	3.5	3.7	- .1	- .3
Other Nondurable Goods 2/	3.9	3.9	4.1	0	- .2
NONMANUFACTURING	34.5	34.6	35.2	- .1	- .7
Construction	2.0	2.2	2.7	- .2	- .7
Transportation and Public Utilities	1.5	1.5	1.6	0	- .1
Wholesale and Retail Trade	8.1	8.1	8.1	0	0
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	6.9	6.9	6.9	0	0
Finance, Insurance and Real Estate	1.2	1.3	1.3	- .1	- .1
Services and Mining	6.4	6.3	6.0	.1	.4
Government	15.3	15.2	15.5	.1	- .2
Federal Government	4.9	4.9	5.5	0	- .6
State and Local Government	10.4	10.3	10.0	.1	.4

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL	326.8	326.9	324.2	- .1	2.6
MANUFACTURING	55.9	55.9	55.9	0	0
Durable Goods	17.7	17.7	18.1	0	- .4
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.2	2.1	2.2	.1	0
Stone, Clay & Glass Products	1.4	1.3	1.2	.1	.2
Fabricated Metal Products	2.4	2.5	2.4	- .1	0
Fabricated Structural Metal Products	1.7	1.8	1.8	- .1	- .1
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.2	8.3	8.6	- .1	- .4
Nondurable Goods	38.2	38.2	37.8	0	.4
Food & Kindred Products	4.2	4.2	4.4	0	- .2
Bakery Products	1.8	1.8	1.9	0	- .1
Tobacco Manufactures	12.8	12.8	12.1	0	.7
Cigarettes	11.9	11.9	11.2	0	.7
Tobacco Stemming & Redrying	.5	.5	.5	0	0
Apparel & Other Textile Products	2.1	2.1	2.4	0	- .3
Paper & Allied Products	4.2	4.2	4.2	0	0
Printing and Publishing	5.2	5.2	5.2	0	0
Commercial Printing	2.8	2.9	2.9	- .1	- .1
Chemicals & Allied Products	7.7	7.7	7.5	0	.2
Other Nondurable Goods 2/	2.0	2.0	2.0	0	0
NONMANUFACTURING	270.9	271.0	268.3	- .1	2.6
Mining	.4	.4	.4	0	0
Construction	15.3	15.6	16.6	- .3	- 1.3
Transportation & Public Utilities	19.8	19.8	19.4	0	.4
Wholesale & Retail Trade	73.6	74.0	72.4	- .4	1.2
Wholesale Trade	22.2	22.3	22.0	- .1	.2
Retail Trade	51.4	51.7	50.4	- .3	1.0
General Merchandise Stores	10.3	10.4	10.4	- .1	- .1
Food Stores	7.4	7.4	7.1	0	.3
Auto Dealers & Service Stations	5.5	5.5	5.7	0	- .2
Finance, Insurance & Real Estate	26.7	26.8	26.8	- .1	- .1
	10.4	10.5	10.4	- .1	0
Services	59.4	58.9	57.3	.5	2.1
Government	75.7	75.5	75.4	.2	.3
Federal Government	7.8	7.8	8.1	0	- .3
State & Local Government	67.9	67.7	67.3	.2	.6

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	February 1981	January 1981	February 1980	January 1981	February 1980
NONAGRICULTURAL	103.0	103.3	103.5	- .3	- .5
MANUFACTURING	21.0	20.9	20.8	.1	.2
Durable Goods	12.3	12.3	12.0	0	.3
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.1	1.2	1.3	- .1	- .2
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.7	6.7	6.3	0	.4
Nondurable Goods	8.7	8.6	8.8	.1	- .1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.7	1.7	1.8	0	- .1
Apparel & Other Textile Products	1.7	1.6	1.7	.1	0
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.5	2.5	2.5	0	0
NONMANUFACTURING	82.0	82.4	82.7	- .4	- .7
Mining	.1	.1	.1	0	0
Construction	4.9	5.1	5.6	- .2	- .7
Transportation & Public Utilities	9.5	9.6	10.0	- .1	- .5
Wholesale & Retail Trade	25.6	25.8	25.6	- .2	0
Wholesale Trade	7.4	7.3	7.5	.1	- .1
Retail Trade	18.2	18.5	18.1	- .3	.1
Finance, Insurance & Real Estate	6.2	6.2	6.3	0	- .1
Services	19.5	19.5	19.2	0	.3
Government	16.2	16.1	15.9	.1	.3
Federal Government	3.1	3.1	3.2	0	- .1
State & Local Government	13.1	13.0	12.7	.1	.4

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980
MANUFACTURING	$259.52	$260.70	$234.62	39.5	39.5	39.3	$6.57	$6.60	$5.97
Durable Goods	261.60	263.20	237.79	40.0	40.0	39.5	6.54	6.58	6.02
Lumber and Wood Products	190.50	188.74	165.53	37.5	37.9	36.3	5.08	4.98	4.56
Furniture and Fixtures	174.72	167.93	165.03	39.0	37.4	39.2	4.48	4.49	4.21
Household and Office Furniture	173.82	166.66	163.41	38.8	37.2	39.0	4.48	4.48	4.19
Stone, Clay and Glass Products	228.54	228.13	219.70	37.9	38.6	39.8	6.03	5.91	5.52
Structural Clay Products	79.93	142.38	197.38	15.4	22.6	38.4	5.19	6.30	5.14
Glass and Glass Products	242.59	236.54	243.13	39.9	38.4	41.0	6.08	6.16	5.93
Primary Metal Industries	335.86	353.64	305.66	39.7	42.0	39.8	8.46	8.42	7.68
Fabricated Metal Products	317.92	320.54	287.56	40.5	41.2	39.5	7.85	7.78	7.28
Fabricated Structural Metal Products	301.17	298.70	286.21	41.2	41.2	39.1	7.31	7.25	7.32
Machinery, except Electrical	299.58	292.93	255.73	41.9	41.2	40.4	7.15	7.11	6.33
Construction and Related Machinery	326.80	332.33	251.13	45.2	45.4	39.3	7.23	7.32	6.39
Special Industry Machinery	324.82	325.62	294.58	40.2	40.3	40.8	8.08	8.08	7.22
Refrigeration and Service Machinery	314.32	290.75	283.18	43.9	41.3	43.3	7.16	7.04	6.54
Electric and Electronic Equipment	273.23	269.87	245.02	40.3	40.1	40.5	6.78	6.73	6.05
Communication Equipment	306.27	296.34	267.30	41.0	40.1	40.5	7.47	7.39	6.60
Instruments and Related Products	207.23	203.19	205.78	39.7	39.0	38.9	5.22	5.21	5.29
Miscellaneous Manufacturing Industries	214.73	211.28	196.86	38.9	38.0	38.3	5.52	5.56	5.14
Nondurable Goods	258.06	258.45	231.86	39.1	39.1	39.1	6.60	6.61	5.93
Food and Kindred Products	217.08	221.49	200.74	36.0	37.1	36.9	6.03	5.97	5.44
Tobacco Manufactures	403.52	405.82	328.62	39.6	39.4	37.6	10.19	10.30	8.74
Cigarettes	427.33	432.52	347.97	39.9	39.9	37.7	10.71	10.84	9.23
Textile Mill Products	210.27	210.94	195.29	39.9	39.8	40.1	5.27	5.30	4.87
Weaving Mills, Cotton, Synthetics and Wool	229.63	228.66	219.14	41.3	41.2	42.8	5.56	5.55	5.12
Knitting Mills	191.00	188.10	169.99	38.2	37.1	36.2	5.00	5.07	4.45
Yarn and Thread Mills	183.23	196.45	162.89	40.9	42.8	38.6	4.48	4.59	4.22
Miscellaneous Textile Goods	169.49	214.94	216.41	32.1	40.1	42.6	5.28	5.36	5.08
Apparel and Other Textile Products	160.31	160.08	150.29	36.6	36.3	37.2	4.38	4.41	4.04
Men's and Boys' Suits, Coats and Furnishings	163.89	163.55	154.42	36.1	35.4	37.3	4.54	4.62	4.14
Women's and Children's Outerwear & Undergarments	156.77	157.50	147.60	36.8	36.8	36.9	4.26	4.28	4.00
Paper and Allied Products	344.00	358.60	316.09	43.0	44.0	42.6	8.00	8.15	7.42
Pulp, Paper and Paperboard	420.63	430.95	385.79	44.7	45.7	44.6	9.41	9.43	8.65
Misc. Converted Paper and Paperboard Products, Containers and Boxes	267.62	290.36	242.61	41.3	42.7	40.3	6.48	6.80	6.02
Printing and Publishing	309.80	299.03	261.67	38.2	37.9	38.2	8.11	7.89	6.85
Newspapers and Periodicals	247.23	235.52	264.97	33.5	32.0	36.7	7.38	7.36	7.22
Chemical and Allied Products	356.15	351.11	317.41	41.9	41.7	41.6	8.50	8.42	7.63
Plastic Materials and Synthetics	374.39	362.88	329.75	42.4	42.0	41.9	8.83	8.64	7.87
Agricultural Chemicals	249.08	243.76	223.87	40.7	40.9	42.4	6.12	5.96	5.28
Leather and Leather Products	153.25	143.08	132.50	38.7	36.5	36.5	3.96	3.92	3.63

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980
MANUFACTURING	1) $ 237.50	1) $234.87	$ 202.99	38.0	37.7	37.8	$ 6.25	$ 6.23	$ 5.37
Durable Goods	1) 304.00	1) 305.02	244.42	40.0	40.4	40.4	1) 7.60	1) 7.55	6.05
Fabricated Metal Products	1) 390.64	1) 390.98	301.50	39.3	40.1	40.2	1) 9.94	1) 9.75	7.50
Machinery and Transportation Equipment	257.20	257.20	247.13	40.0	40.5	42.1	6.43	6.40	5.89
Nondurable Goods	172.44	165.20	155.21	36.0	35.0	34.8	4.79	4.72	4.46
Food and Kindred Products	193.76	200.20	183.65	34.6	35.0	34.2	5.60	5.72	5.37
Apparel and Other Textile Products	147.84	130.90	123.61	35.2	32.4	32.7	4.20	4.04	3.78

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,900 production workers.

1/ Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980
MANUFACTURING	$ 263.00	$ 264.96	$ 231.27	40.4	40.7	39.0	$ 6.51	$ 6.51	$ 5.93
Durable Goods	273.08	277.17	246.77	40.1	40.7	38.2	6.81	6.81	6.46
Lumber and Wood Products and Furniture and Fixtures	173.80	169.63	160.86	37.7	37.2	38.3	4.61	4.56	4.20
Nondurable Goods	248.27	247.25	207.95	40.7	40.8	40.3	6.10	6.06	5.16
Food and Kindred Products	261.19	279.98	233.57	43.1	45.6	42.7	6.06	6.14	5.47
Textile Mill Products	228.17	235.87	233.38	40.6	41.6	44.2	5.62	5.67	5.28
Apparel and Other Textile Products	144.99	145.09	131.35	35.8	34.3	35.5	4.05	4.23	3.70
Paper and Allied Products	404.03	412.78	345.80	52.2	53.4	49.4	7.74	7.73	7.00

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 19,900 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980
MANUFACTURING	$274.44	$287.82	$263.06	40.9	41.0	40.1	$6.71	$7.02	$6.56
Durable Goods	293.25	313.11	281.18	42.5	42.6	40.4	6.90	7.35	6.96
Lumber and Wood Products	232.22	236.23	207.62	41.1	40.8	39.1	5.65	5.79	5.31
Stone, Clay, and Glass Products	268.65	279.95	216.16	43.4	45.3	38.6	6.19	6.18	5.60
Fabricated Metal Products	216.59	212.21	184.76	37.8	37.1	37.4	5.73	5.72	4.94
Machinery, except Electrical	251.88	239.12	210.31	40.3	39.2	38.1	6.25	6.10	5.52
Transportation Equipment	360.04	389.17	353.21	46.1	45.2	41.8	7.81	8.61	8.45
Nondurable Goods	242.95	239.78	230.47	38.2	38.0	39.6	6.36	6.31	5.82
Food and Kindred Products	223.24	222.74	206.56	36.9	37.0	38.9	6.05	6.02	5.31
Apparel and Other Textile Products	1) NA	1) NA	1) NA	1) NA	1) NA	1) NA	1) NA	1) NA	1) NA
Chemicals and Allied Products	254.34	253.37	236.65	40.5	40.8	41.3	6.28	6.21	5.73

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 20,600 production workers.

1) Not Available.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980
MANUFACTURING	$296.62	$289.62	$267.58	40.8	40.4	39.7	$7.27	$7.16	$6.74
Durable Goods	280.01	276.04	260.90	41.3	41.2	40.2	6.78	6.70	6.49
Stone, Clay, and Glass Products	229.63	229.51	216.78	38.4	38.9	37.7	5.98	5.90	5.75
Fabricated Metal Products	305.53	290.19	263.66	42.2	40.7	40.5	7.24	7.13	6.51
Electric and Electronic Equipment	1) 297.47	1) 301.15	296.87	43.3	43.9	42.9	1) 6.87	1) 6.86	6.92
Nondurable Goods	320.80	309.29	285.57	40.1	39.3	38.8	8.00	7.87	7.36
Food and Kindred Products	290.38	302.74	259.99	39.4	40.8	37.9	7.37	7.42	6.86

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980
MANUFACTURING	$304.80	$313.47	$270.97	40.0	40.5	38.6	$7.62	$7.74	$7.02
Durable Goods	1)202.03	1)204.37	160.02	1) 41.4	1) 42.4	37.3	1) 4.88	1) 4.82	4.29
Lumber and Wood Products and Furniture and Fixtures	1)196.98	1)207.40	127.97	1) 40.2	1) 41.9	35.3	1) 4.90	1) 4.95	3.62
Nondurable Goods	339.30	349.05	306.15	39.5	39.8	39.0	8.59	8.77	7.85
Food & Kindred Products	215.84	229.25	211.00	38.0	39.9	40.5	5.68	5.76	5.21
Chemicals & Allied Products	370.80	379.22	345.20	41.2	41.4	40.9	9.00	9.16	8.44

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,200 production workers.

1) Not comparable with previous years data.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980
MANUFACTURING	$ 349.80	$ 343.40	$ 300.93	40.3	40.4	39.7	$ 8.68	$ 8.50	$ 7.58
Durable Goods	321.47	311.52	298.70	40.9	40.3	41.2	7.86	7.73	7.25
Lumber and Wood Products	196.58	186.28	187.46	40.2	39.3	40.4	4.89	4.74	4.64
Furniture and Fixtures	192.06	185.08	189.94	39.6	38.8	40.5	4.85	4.77	4.69
Primary Metal Industries	494.91	480.33	459.38	41.8	40.5	41.2	11.84	11.86	11.15
Fabricated Metal Products	389.30	364.67	356.75	40.3	40.7	41.1	9.66	8.96	8.68
Fabricated Structural Metal Products	436.30	407.43	384.46	40.7	40.3	40.9	10.72	10.11	9.40
Nondurable Goods	361.30	355.92	301.85	40.1	40.4	39.1	9.01	8.81	7.72
Food and Kindred Products	242.41	258.11	218.50	38.6	41.1	38.2	6.28	6.28	5.72
Tobacco Manufactures	431.67	412.18	350.36	38.1	38.2	38.0	11.33	10.79	9.22
Cigarettes	441.21	420.20	357.76	38.2	38.2	38.1	11.55	11.00	9.39
Apparel and Other Textile Products	175.94	172.59	161.41	38.5	38.1	38.8	4.57	4.53	4.16
Paper and Allied Products	311.71	340.10	265.86	42.7	44.4	40.1	7.30	7.66	6.63
Printing and Publishing	347.31	351.34	298.38	39.2	39.3	38.7	8.86	8.94	7.71
Chemicals and Allied Products	416.88	389.58	365.71	43.2	41.8	41.7	9.65	9.32	8.77

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980
MANUFACTURING	$239.01	$243.72	$222.88	38.8	39.5	39.8	$6.16	$6.17	$5.60
Durable Goods	246.33	248.12	223.51	39.1	39.7	39.7	6.30	6.25	5.63
Fabricated Metal Products	238.94	232.58	206.68	41.7	40.1	39.9	5.73	5.80	5.18
Fabricated Structural Metal Products	238.78	227.55	207.36	41.6	39.3	39.8	5.74	5.79	5.21
Nondurable Goods	229.46	236.56	222.40	38.5	39.1	40.0	5.96	6.05	5.56
Food and Kindred Products	254.62	257.69	218.09	43.9	43.9	41.7	5.80	5.87	5.23
Textile Mill Products	191.00	190.32	183.11	39.3	39.0	40.6	4.86	4.88	4.51

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	Feb. 1981	Jan. 1981	Feb. 1980	Feb. 1981	Jan. 1981	Feb. 1980	Feb. 1981	Jan. 1981	Feb. 1980
Virginia	$ 259.52	$260.70	$234.62	$204.54	$205.36	$188.49	$223.58	$224.47	$206.04
Bristol Area	1)237.50	1)234.87	202.99	189.27	187.44	165.67	206.99	205.00	181.65
Lynchburg SMSA	263.00	264.96	231.27	206.95	208.31	186.15	226.20	227.68	203.67
Norfolk-Virginia Beach-Portsmouth SMSA	274.44	287.82	263.06	214.74	223.75	208.36	234.82	244.90	227.61
Northern Virginia Area	296.62	289.26	267.58	229.67	224.72	211.51	251.53	245.99	231.04
Petersburg-Colonial Heights-Hopewell SMSA	304.80	313.47	270.97	235.18	240.79	213.81	257.30	264.01	233.61
Richmond SMSA	349.80	343.40	300.93	263.81	259.75	234.14	290.29	285.66	256.35
Roanoke SMSA	239.01	243.72	222.88	190.31	193.58	180.16	208.12	211.67	197.14

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

1/ Not comparable with data for prior years.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	February 1981 2/	January 1981	February 1980	January 1980
NONAGRICULTURAL	2,162.2	2,155.7	2,141.0	2,142.2
MANUFACTURING	411.0	411.6	419.2	417.0
Durable Goods	188.6	189.1	193.2	191.4
Lumber & Wood Products	24.2	24.3	24.7	24.1
Furniture and Fixtures	25.8	25.7	26.9	26.9
Stone, Clay and Glass Products	12.9	12.6	13.6	13.5
Primary Metal Industries	11.7	12.0	13.2	13.3
Fabricated Metal Products	20.3	20.3	21.2	21.0
Machinery, except Electrical	15.5	15.3	15.8	15.7
Electric and Electronic Equipment	33.7	33.7	33.6	33.2
Transportation Equipment	36.5	38.2	36.4	36.6
Instruments and Related Products	4.0	4.0	3.9	3.9
Nondurable Goods	222.5	222.7	226.1	225.8
Food and Kindred Products	42.2	41.2	42.7	42.7
Tobacco Manufactures	16.9	16.9	16.7	15.9
Textile Mill Products	45.4	45.3	45.8	45.6
Apparel and Other Textile Products	33.3	34.2	35.6	35.3
Paper and Allied Products	14.5	14.6	14.6	14.8
Printing and Publishing	22.2	22.0	21.7	21.5
Chemicals and Allied Products	33.0	33.0	33.7	33.9
Leather and Leather Products	3.6	3.6	3.6	3.6
MINING	25.9	26.0	26.2	26.2
Bituminous Coal and Lignite Mining	22.9	23.0	22.7	22.5
CONTRACT CONSTRUCTION	122.7	119.9	133.4	139.1
TRANSPORTATION & PUBLIC UTILITIES	116.2	115.6	115.0	114.8
Railroad Transportation	13.7	13.5	14.0	14.0
Trucking and Warehousing	29.8	30.0	30.1	30.5
Transportation by Air	11.1	11.1	11.0	11.3
Communication	28.8	29.5	27.7	27.6
Electric, Gas and Sanitary Services	17.0	16.8	15.9	15.8
WHOLESALE AND RETAIL TRADE	461.4	456.2	452.1	449.9
Wholesale Trade	106.4	105.8	105.3	104.5
Retail Trade	353.3	348.4	345.1	343.4
General Merchandise Stores	58.6	55.4	57.4	56.6
Food Stores	56.6	56.2	54.4	53.6
FINANCE, INSURANCE & REAL ESTATE	108.4	107.5	106.7	106.1
Banking	31.2	31.2	31.1	31.0
Insurance Carriers	20.4	20.3	19.8	19.8
SERVICES	402.3	402.1	387.6	386.6
Personal Services	25.4	25.2	24.1	24.3
Business Services	78.6	78.6	76.0	75.4
GOVERNMENT	513.8	513.5	501.5	500.9
Federal Government	154.8	154.6	154.0	153.9
State and Local Government	359.5	359.1	348.0	347.2
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.8	40.3	39.6	40.6
Durable Goods	40.5	41.6	40.0	41.8
Lumber and Wood Products	38.1	39.8	36.8	37.7
Furniture and Fixtures	41.6	40.0	41.0	40.8
Household & Office Furniture	41.4	39.7	40.8	40.9
Stone, Clay & Glass Products	38.3	40.0	40.2	41.4
Primary Metal Industries	39.3	42.2	39.4	40.0
Fabricated Metal Products	40.8	42.2	40.0	42.8
Fabricated Structural Metal Products	41.8	41.8	40.0	43.1
Machinery, except Electrical	41.8	41.2	40.3	40.8
Electric and Electronic Equipment	40.3	41.0	40.5	42.0
Instruments & Related Products	40.3	39.2	39.5	39.1
Miscellaneous Manufacturing Industries	39.8	40.6	38.6	41.4
Nondurable Goods	39.5	39.8	39.5	40.4
Food & Kindred Products	37.1	37.6	38.0	37.3
Tobacco Manufactures	40.4	40.7	38.4	39.5
Cigarettes	40.9	40.8	38.7	39.4
Textile Mill Products	40.0	40.7	40.2	42.9
Weaving Mills, Cotton, Synthetics and Wool	41.8	42.0	43.3	44.6
Knitting Mills	38.0	39.3	38.0	41.1
Apparel & Other Textile Products	37.3	38.3	37.9	38.6
Men's and Boys' Suits, Coats and Furnishings	37.1	38.1	38.4	39.2
Women's and Children's Outerwear & Undergarments	37.2	38.3	37.3	38.1
Paper & Allied Products	43.1	43.6	42.7	42.8
Pulp, Paper and Paperboard	45.1	45.7	45.0	43.3
Printing and Publishing	38.1	38.0	38.1	39.6
Newspapers and Periodicals	33.6	33.0	36.8	35.3
Chemicals & Allied Products	41.7	42.3	41.4	42.2
Plastics Materials & Synthetics	42.6	42.4	42.2	42.0
Agricultural Chemicals	39.2	41.6	40.9	41.2
Leather & Leather Products	39.8	37.9	37.6	38.3

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1972 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2.044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,162.2	411.0	25.9	122.7	116.2	461.4	108.4	402.3	513.8
March									
April									
May									
June									
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

Table E -1.

UNION HOURLY WAGE RATES IN THE BUILDING TRADES IN CITIES OF 100,000 INHABITANTS OR MORE

January 1980 and 1981 UNION WAGE RATES 1/

TRADE OR OCCUPATION	HOURLY AVERAGE United States		BASIC RATE Norfolk		BASIC RATE Richmond	
	1981	1980	1981	1980	1981	1980
Bricklayers	$12.94	$11.93	$11.38	$10.48	$12.00	$11.00
Carpenters	12.91	11.72	10.45	9.40	10.45	9.40
Electricians	13.99	12.83	11.05	11.05	12.35	11.65
Painters	12.56	11.51	9.65	8.75	9.60	8.80
Plasterers	12.56	11.49	11.00	10.86	12.40	10.45
Plumbers	13.63	12.44	11.66	10.30	11.25	11.95
Building Laborers	10.12	9.20	6.40	6.10	6.70	6.10

1/ These rates represent the minimum wage rates (excluding holiday and vacation payments regularly made or credited to the worker each pay period) agreed upon through collective bargaining between employers and trade unions.

Source: U. S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

4/30/81

S8270-2

EMPLOYMENT HOURS AND EARNINGS

VOLUME 31
NUMBER 4

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

DIVISION OF RESEARCH AND STATISTICS

APRIL 1981

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Explanatory Notes

NONFARM EMPLOYMENT UP 10,800 OVER THE MONTH
UP 20,000 OVER THE YEAR

NONAGRICULTURAL EMPLOYMENT REGAINED SOME OF THE LOSSES EXPERIENCED IN FEBRUARY, RECORDING A RISE OF 10,800 OVER THE MONTH. All major segments of the economy, except government and transportation and public utilities, helped to raise employment to 2,117,500 across Virginia. The reopening of plants after February closings and early preparations for the upcoming tourist season, along with pickups in construction and real estate were the most noticeable ingredients in the upswing in worker totals. Over the year, employment has gained 20,000. All service-producing industries and mining are ahead of 1980 levels of employment. Only in the goods-producing segments of manufacturing and construction has employment remained below last year's worker totals. Year-to-year employment growth has been centered primarily in the areas of services, trade and government.

MANUFACTURING EMPLOYMENT, WHICH HAS MOVED DOWNWARD SINCE LAST NOVEMBER, REVERSED ITS COURSE AND WAS IN THE PLUS COLUMN IN MARCH. Nondurable goods producers registered no over-all change between mid-February and mid-March. Seasonal reductions in food and tobacco, coupled with layoffs in textiles and printing, were counterbalanced by recalls and plant reopenings by chemical makers and apparel manufacturers. The reopening of transportation equipment plants along with stepped-up production in lumber, furniture, stone, clay and glass, primary metals and electrical machinery boosted employment. Since many of these establishments depend on either the construction industry or the auto industry, it is felt that while the economy is sputtering it has not run out of gas. Capital outlays and inventories have been restrained by high rates of interest and with short-term and long-term interest rates up again spending in these areas will probably remain depressed.

VIRGINIA'S 312,300 FACTORY PRODUCTION WORKERS RECEIVED AN AVERAGE HOURLY EARNING OF $6.63 - THE HIGHEST ON RECORD. The average workweek climbed upward by two-tenths of an hour to an average of 39.8 hours. This increase also occurred in the durable goods portion of the industry. Average weekly earnings increased $3.30 in March to $263.87. The rise over March 1980 was $29.85. In the major metropolitan areas trends were mixed. Both hours and earnings declined in Bristol and Northern Virginia while in Norfolk and Petersburg both averages were up. The Roanoke and Lynchburg areas recorded longer workweeks but lower hourly earnings. Although hourly earnings remained unchanged in Richmond the workweek lengthened.

WORKER TOTALS IN SERVICES CONTINUED TO SWELL - A PLUS 2,100 IN MARCH. Seasonal pressures dominated the industry. Many businesses in the service group cater to visitors who come into the State and many were gearing up for the summer tourist season. Increases were noted by amusement centers and theme parks as well as by hotels and motels. Even with increased costs of gasoline, the tourist industry is hoping the weather will cooperate and the number of incoming sightseers will surpass previous years. Trade's monthly increase was

NONFARM EMPLOYMENT UP 10,800 OVER THE MONTH UP 20,000 OVER THE YEAR

(continued from page 1)

almost as great as services - plus 2,000. Retail establishments, particularly restaurants and gift shops, were adding to their staffs. A later Easter was a deterrent to March hiring. During December 1980 retail sales were stronger than had been anticipated and the momentum carried over into 1981. By March, sales had leveled off and would have shown a decline if it had not been for auto sales. High interest rates, rising prices, low rates of saving and a reluctance to take on more debt are helping to depress consumer markets.

IMPROVED WEATHER CONDITIONS ALLOWED CONSTRUCTION FIRMS TO RECALL WORKERS THAT HAD BEEN OUT OF WORK EARLIER IN THE YEAR. Most of the increases were with special trade contractors and highway and heavy construction firms. The value of contracts for new construction is showing some increase with the sharpest rise being in contracts for nonresidential building. National home construction starts rose in March but building permits for future construction continued to fall. As long as interest rates remain high both home builders and buyers will continue to have difficulties. Banks, savings and loans institutions and mortgage companies also feel the adverse effects of the high cost of money. Real estate agencies traditionally have peak periods of employment during the spring months and additional personnel were hired to handle this influx of business.

GOVERNMENT WORKERS WERE FEWER IN NUMBER WITH A DECLINE OF THREE HUNDRED PEOPLE. Increases in federal employment were centered in defense agencies. This, however, was obscured by the release of temporary workers hired to work while the Virginia General Assembly was in session. Reductions in state and federal revenues has prompted cutbacks by both State and local government agencies and further restrictions are scheduled for the future.

THE PRODUCERS PRICE INDEX, PUBLISHED BY THE BUREAU OF LABOR STATISTICS for all commodities was 289.6 (1967=100) in March 1981. The monthly increase was 1.0 percent. The index for finished good at 265.3 was up 1.1 percent over the month.

THE ALL URBAN CONSUMER PRICE INDEX for March 1981 was 265.1 (1967=100). This is an over-the-month gain of 0.7 percent and an over-the-year rise of 10.6 percent. The Urban Wage Earners and Clerical Workers Index rose 0.6 percent to 265.2. The yearly gain is 10.5 percent.

THE APRIL 1981 CONSUMER PRICE INDEX data will be released on May 22, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed 2/			Unemployed			Per Cent of Labor Force		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	Feb. 1981	Jan. 1981	Feb. 1980
United States	104,808,000	104,671,000	103,257,000	96,383,000	96,128,000	96,264,000	8,425,000	8,543,000	6,993,000	8.0	8.2	6.8
Virginia	2,530,300	2,516,800	2,467,200	2,387,600	2,378,300	2,342,500	142,700	138,500	124,700	5.6	5.5	5.1
Bristol Area	39,320	39,280	38,040	36,400	36,430	35,620	2,920	2,850	2,420	7.4	7.3	6.4
Lynchburg SMSA	76,490	75,970	75,320	72,620	72,410	72,050	3,870	3,560	3,270	5.1	4.7	4.3
Newport News-Hampton SMSA	168,260	167,390	158,580	159,360	158,310	150,100	8,900	9,080	8,480	5.3	5.4	5.3
Norfolk-Virginia Beach-Portsmouth SMSA	327,350	325,770	319,630	306,750	306,350	301,630	20,600	19,420	18,000	6.3	6.0	5.6
Northern Virginia Area	569,600	566,900	548,800	552,000	549,200	531,800	17,600	17,700	17,000	3.1	3.1	3.1
Petersburg-Colonial Heights-Hopewell SMSA	59,450	59,230	57,960	55,490	55,300	54,730	3,960	3,930	3,230	6.7	6.6	5.6
Richmond SMSA	333,170	331,640	323,850	321,770	319,680	313,170	11,400	11,960	10,680	3.4	3.6	3.3
Roanoke SMSA	110,590	110,200	107,540	105,000	104,640	102,630	5,590	5,560	4,910	5.1	5.0	4.6

1/ All data adjusted to a place-of-residence basis

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December, 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL 1/	2,117.5	2,106.7	2,097.5	10.8	20.0
MANUFACTURING	408.8	406.4	414.4	2.4	-5.6
Durable Goods	188.1	185.7	190.4	2.4	-2.3
Lumber and Wood Products	23.5	23.2	23.7	.3	-.2
Millwork, Plywood and Structural Members	6.3	6.3	6.4	0	-.1
Wood Containers	2.0	1.9	1.8	.1	.2
Wood Buildings and Mobile Homes	3.0	2.9	3.2	.1	-.2
Miscellaneous Wood Products	2.1	2.0	2.3	.1	-.2
Furniture and Fixtures	26.3	26.0	27.1	.3	-.8
Household and Office Furniture	24.9	24.7	25.6	.2	-.7
Stone, Clay and Glass Products	12.5	12.3	13.1	.2	-.6
Structural Clay Products	.7	.6	.9	.1	-.2
Concrete Gypsum and Plaster Products	7.4	7.3	7.5	.1	-.1
Glass and Glass Products	1.6	1.7	1.8	-.1	-.2
Primary Metal Industries	12.0	11.8	13.2	.2	-1.2
Fabricated Metal Products	20.0	20.3	21.3	-.3	-1.3
Fabricated Structural Metal Products	12.9	12.9	13.4	0	-.5
Machinery, except Electrical	15.0	15.2	15.3	-.2	-.3
Construction and Related Machinery	4.6	4.6	4.7	0	-.1
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.0	2.0	2.0	0	0
Electric and Electronic Equipment	33.6	33.4	33.3	.2	.3
Communication Equipment	11.5	11.5	11.6	0	-.1
Electronic Components and Accessories	5.5	5.4	5.5	.1	0
Transportation Equipment	37.7	36.0	35.9	1.7	1.8
Instruments and Related Products	4.0	4.0	4.0	0	0
Miscellaneous Manufacturing Industries	3.5	3.5	3.5	0	0
Nondurable Goods	220.7	220.7	224.0	0	-3.3
Food and Kindred Products	40.5	41.1	41.4	-.6	-.9
Meat Products	13.0	13.1	13.3	-.1	-.3
Dairy Products	2.9	2.8	2.5	.1	.4
Preserved Fruits and Vegetables	2.9	3.5	3.8	-.6	-.9
Bakery Products	5.1	5.1	5.1	0	0
Beverages	5.6	5.6	5.5	0	.1
Tobacco Manufactures	16.4	16.6	16.0	-.2	.4
Cigarettes	14.1	14.2	13.7	-.1	.4
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	1.9	2.0	1.9	-.1	0
Textile Mill Products	44.9	45.1	45.1	-.2	-.2
Weaving Mills, Cotton, Synthetics and Wool	18.7	18.9	19.0	-.2	-.3
Narrow Fabric Mills	1.1	1.2	1.4	-.1	-.3
Knitting Mills	14.5	14.4	13.5	.1	1.0
Textile Finishing, except Wool	4.6	4.6	5.0	0	-.4
Yarn and Thread Mills	3.1	3.1	3.2	0	-.1
Miscellaneous Textile Goods	1.2	1.2	1.3	0	-.1
Apparel and Other Textile Products	33.9	33.0	35.5	.9	-1.6
Men's and Boys' Suits, Coats and Furnishings	12.6	12.1	13.5	.5	-.9
Women's and Children's Outerwear & Undergarments	17.5	17.2	17.8	.3	-.3
Miscellaneous Fabricated Textile Products	1.7	1.7	1.9	0	-.2
Paper and Allied Products	14.5	14.5	14.7	0	-.2
Pulp, Paper and Paperboard	7.6	7.6	7.7	0	-.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.1	6.1	6.3	0	-.2
Miscellaneous Converted Paper Products	2.5	2.4	2.6	.1	-.1
Paperboard Containers and Boxes	3.6	3.7	3.7	-.1	-.1
Printing and Publishing	22.0	22.1	21.6	-.1	.4
Newspapers and Periodicals	8.2	8.2	8.2	0	0
Commercial Printing	8.2	8.2	8.2	0	0
Chemicals and Allied Products	33.0	32.8	33.7	.2	-.7
Industrial Inorganic Chemicals	.8	.8	.9	0	-.1
Plastics Materials and Synthetics	19.4	19.3	20.4	.1	-1.0
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.7	1.7	1.8	0	-.1
Miscellaneous Chemical Products	3.5	3.5	3.1	0	.4
Petroleum, Rubber and Misc. Plastics Products	12.0	12.0	12.5	0	-.5
Miscellaneous Plastics Products	5.7	5.6	5.9	.1	-.2
Rubber and Rubber Products	6.0	6.0	6.4	0	-.4
Leather and Leather Products	3.5	3.5	3.5	0	0

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 4)

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONMANUFACTURING	1,708.7	1,700.3	1,683.1	8.4	25.6
Mining	23.8	23.6	23.7	.2	.1
Bituminous Coal and Lignite Mining	20.9	20.8	20.3	.1	.6
Construction	110.7	106.9	120.2	3.8	- 9.5
Transportation and Public Utilities	114.0	114.2	113.8	- .2	.2
Railroad Transportation	13.4	13.4	13.9	0	- .5
Trucking and Warehousing	28.7	28.7	29.1	0	- .4
Transportation by Air	11.2	11.1	11.0	.1	.2
Communication	28.8	28.7	27.7	.1	.1
Electric, Gas and Sanitary Services	17.1	17.0	16.0	.1	1.1
Wholesale and Retail Trade	446.9	444.9	436.6	2.0	10.3
Wholesale	105.1	105.0	104.0	.1	1.1
Wholesale Trade Durable Goods	63.4	63.6	63.7	- .2	- .3
Wholesale Trade Nondurable Goods	41.7	41.4	40.3	.3	1.4
Retail	341.8	339.9	332.6	1.9	9.2
General Merchandise Stores	55.5	55.4	53.8	.1	1.7
Department Stores	41.1	41.0	40.2	.1	.9
Variety Stores	9.0	8.9	8.6	.1	.4
Food Stores	55.2	55.4	53.2	- .2	2.0
Automotive Dealers and Service Stations	46.1	46.1	46.1	0	0
Furniture and Home Furnishings Stores	15.2	15.3	16.0	- .1	- .8
Miscellaneous Retail	43.1	43.3	42.9	- .2	.2
Finance, Insurance and Real Estate	106.5	105.7	104.3	.8	2.2
Banking	31.0	30.8	30.8	.2	.2
Insurance Carriers	20.4	20.3	19.8	.1	.6
Real Estate	23.3	22.8	22.5	.5	.8
Services	391.8	389.7	379.0	2.1	12.8
Personal Services	25.9	25.9	25.1	0	.8
Business Services	77.1	77.0	74.8	.1	2.3
Auto and Miscellaneous Repair Service	18.9	18.9	18.2	0	.7
Health Services	103.3	103.1	99.2	.2	4.1
Government	515.0	515.3	505.5	- .3	9.5
Federal Government	153.9	153.6	154.9	.3	- 1.0
State and Local Government	361.1	361.7	350.6	- .6	10.5
State Government	119.3	119.8	119.2	- .5	.1
Local Government	241.8	241.9	231.4	- .1	10.4

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,117.5	408.8	23.8	110.7	114.0	446.9	106.5	391.8	515.0
April									
May									
June									
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the countires of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL 1/	895.7	893.0	877.4	2.7	18.3
MANUFACTURING	143.7	143.1	146.6	.6	- 2.9
Durable Goods	45.0	44.8	45.6	.2	- .6
Lumber and Wood Products	4.1	4.1	4.2	0	- .1
Furniture and Fixtures	9.1	9.0	9.2	.1	- .1
Stone, Clay and Glass Products	1.3	1.3	1.5	0	- .2
Primary Metal Industries	2.0	2.0	2.0	0	0
Fabricated Metal Products	3.3	3.5	3.7	- .2	- .4
Machinery, except Electrical	2.5	2.5	2.4	0	.1
Electric and Electronic Equipment	15.0	14.8	15.0	.2	0
Transportation Equipment	5.0	4.8	4.9	.2	.1
Instruments and Related Products	1.6	1.7	1.6	- .1	0
Miscellaneous Manufacturing Industries	1.1	1.1	1.1	0	0
Nondurable Goods	98.7	98.3	101.0	.4	- 2.3
Food and Kindred Products	14.0	14.4	15.1	- .4	- 1.1
Tobacco Manufactures	5.6	5.7	5.4	- .1	.2
Textile Mill Products	24.9	24.9	24.4	0	.5
Apparel and Other Textile Products	30.3	29.4	31.9	.9	- 1.6
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.7	7.6	7.7	.1	0
Chemicals and Allied Products	8.4	8.4	8.6	0	- .2
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.8	0	- .1
Leather and Leather Products	2.6	2.7	2.6	- .1	0
NONMANUFACTURING	752.0	749.9	730.8	2.1	21.2
Mining	.6	.6	.6	0	0
Construction	7.3	7.3	7.7	0	- .4
Transportation and Public Utilities	28.2	28.1	27.5	.1	.7
Wholesale and Retail Trade	184.6	183.7	179.7	.9	4.9
Wholesale Trade	20.4	20.4	20.6	0	- .2
Retail Trade	164.2	163.3	159.1	.9	5.1
Finance, Insurance and Real Estate	61.3	60.9	59.2	.4	2.1
Services	217.0	216.2	210.2	.8	6.8
Government	253.0	253.1	245.9	- .1	7.1
Federal Government	55.2	55.3	53.9	- .1	1.3
State and Local Government	197.8	197.8	192.0	0	5.8

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
MANUFACTURING	312.3	310.2	319.1	2.1	- 6.8
Durable Goods	141.9	139.8	144.0	2.1	- 2.1
Lumber and Wood Products	20.0	19.7	20.1	.3	- .1
Millwork, Plywood and Structural Members	5.2	5.2	5.4	0	- .2
Wood Containers	1.7	1.7	1.7	0	0
Wood Buildings and Mobile Homes	2.2	2.1	2.3	.1	- .1
Miscellaneous Wood Products	1.8	1.8	2.0	0	- .2
Furniture and Fixtures	22.1	21.9	22.6	.2	- .5
Household and Office Furniture	21.1	21.0	21.5	.1	- .4
Stone, Clay and Glass Products	9.8	9.8	10.5	0	- .7
Structural Clay Products	.6	.5	.8	.1	- .2
Concrete Gypsum and Plaster Products	5.9	5.8	6.0	.1	- .1
Glass and Glass Products	1.2	1.3	1.5	- .1	- .3
Primary Metal Industries	6.6	6.4	7.5	.2	- .9
Fabricated Metal Products	12.9	13.2	14.0	- .3	- 1.1
Fabricated Structural Metal Products	7.6	7.5	7.9	.1	- .3
Machinery, except Electrical	10.4	10.7	10.7	- .3	- .3
Construction and Related Machinery	2.8	2.8	2.8	0	0
Special Industry Machinery	1.5	1.5	1.4	0	.1
Refrigeration and Service Machinery	1.3	1.3	1.3	0	0
Electric and Electronic Equipment	22.5	22.3	22.6	.2	- .1
Communication Equipment	7.1	7.1	7.2	0	- .1
Electronic Components and Accessories	3.5	3.4	3.6	.1	- .1
Transportation Equipment	32.5	30.7	30.9	1.8	1.6
Instruments and Related Products	2.4	2.4	2.4	0	0
Miscellaneous Manufacturing Industries	2.7	2.7	2.7	0	0
Nondurable Goods	170.4	170.4	175.1	0	- 4.7
Food and Kindred Products	29.3	29.7	30.2	- .4	- .9
Meat Products	11.2	11.2	11.4	0	- .2
Dairy Products	1.4	1.4	1.2	0	.2
Preserved Fruits and Vegetables	2.3	2.8	3.1	- .5	- .8
Bakery Products	2.6	2.5	2.6	.1	0
Beverages	2.3	2.3	2.2	0	.1
Tobacco Manufactures	11.9	12.1	11.6	- .2	.3
Cigarettes	10.4	10.5	10.1	- .1	.3
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.2	1.3	1.2	- .1	0
Textile Mill Products	40.2	40.3	40.4	- .1	- .2
Weaving Mills, Cotton, Synthetics and Wool	16.4	16.5	16.7	- .1	- .3
Narrow Fabric Mills	1.0	1.1	1.2	- .1	- .2
Knitting Mills	13.3	13.3	12.4	0	.9
Textile Finishing, except Wool	4.3	4.3	4.6	0	- .3
Yarn and Thread Mills	2.8	2.8	2.9	0	- .1
Miscellaneous Textile Goods	1.1	1.1	1.2	0	- .1
Apparel and Other Textile Products	30.5	29.8	32.5	.7	- 2.0
Men's and Boys' Suits, Coats and Furnishings	11.4	10.9	12.4	.5	- 1.0
Women's and Children's Outerwear & Undergarments	16.0	15.9	16.6	.1	- .6
Miscellaneous Fabricated Textile Products	1.4	1.3	1.5	.1	- .1
Paper and Allied Products	10.8	10.9	11.2	- .1	- .4
Pulp, Paper and Paperboard	5.3	5.3	5.4	0	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	5.0	5.2	0	- .2
Miscellaneous Converted Paper Products	2.1	2.1	2.3	0	- .2
Paperboard Containers and Boxes	2.9	2.9	2.9	0	0
Printing and Publishing	12.8	12.9	13.1	- .1	- .3
Newspapers and Periodicals	2.9	3.0	3.0	- .1	- .1
Commercial Printing	6.2	6.2	6.4	0	- .2
Chemicals and Allied Products	22.5	22.4	23.2	.1	- .7
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	14.2	14.1	15.0	.1	- .8
Drugs	1.3	1.3	1.2	0	.1
Agricultural Chemicals	1.0	1.0	1.1	0	- .1
Miscellaneous Chemical Products	2.4	2.4	2.1	0	.3
Petroleum, Rubber and Misc. Plastics Products	9.2	9.1	9.7	.1	- .5
Miscellaneous Plastics Products	4.2	4.1	4.4	.1	- .2
Rubber and Rubber Products	4.8	4.7	5.1	.1	- .3
Leather and Leather Products	3.2	3.2	3.2	0	0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	28.1	28.3	28.1	- .2	0
MANUFACTURING	8.8	9.3	9.4	- .5	- .6
Durable Goods	4.0	4.4	4.9	- .4	- .9
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.3	0	0
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	1.5	1.9	2.3	- .4	- .8
Other Durable Goods 1/	1.9	1.9	2.0	0	- .1
Nondurable Goods	4.8	4.9	4.5	- .1	.3
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.8	0	.3
Paper, Printing and Publishing	.4	.5	.5	- .1	- .1
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	19.3	19.0	18.7	.3	.6
Construction	1.3	1.1	1.2	.2	.1
Transportation & Public Utilities	1.2	1.2	1.1	0	.1
Trade	6.7	6.6	6.5	.1	.2
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.0	4.9	4.8	.1	.2
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.7	3.7	3.7	0	0
Government	5.4	5.4	5.2	0	.2
State and Local Government	5.1	5.0	4.8	.1	.3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	71.2	71.2	72.4	0	- 1.2
MANUFACTURING	29.0	28.8	29.5	.2	- .5
Durable Goods	18.5	18.2	19.1	.3	- .6
Lumber and Wood Products and Furniture and Fixtures	4.1	4.0	4.3	.1	- .2
Other Durable Goods 1/	14.4	14.2	14.8	.2	- .4
Nondurable Goods	10.5	10.6	10.4	- .1	.1
Food and Kindred Products	1.7	1.6	1.3	.1	.4
Textile Mill Products	1.7	1.7	1.8	0	- .1
Apparel & Other Textile Products	2.5	2.6	2.6	- .1	- .1
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.5	3.6	3.7	- .1	- .2
NONMANUFACTURING	42.2	42.4	42.9	- .2	- .7
Construction	3.1	3.2	3.4	- .1	- .3
Transportation and Public Utilities	2.6	2.6	2.8	0	- .2
Wholesale and Retail Trade	11.3	11.4	11.8	- .1	- .5
Wholesale Trade	2.1	2.2	2.3	- .1	- .2
Retail Trade	9.2	9.2	9.5	0	- .3
Finance, Insurance and Real Estate	3.6	3.6	3.5	0	.1
Services and Mining	11.0	11.0	11.0	0	0
Government	10.6	10.6	10.4	0	.2

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	153.1	152.3	147.1	.8	6.0
MANUFACTURING	35.9	36.1	33.8	- .2	2.1
Durable Goods	29.3	29.5	27.5	- .2	1.8
Stone, Clay & Glass Products	.5	.5	.5	0	0
Transportation Equipment	25.1	25.3	22.9	- .2	2.2
Other Durable Goods 1/	3.7	3.7	4.1	0	- .4
Nondurable Goods	6.6	6.6	6.3	0	.3
Food & Kindred Products	2.9	2.9	2.8	0	.1
Textile Mill Products & Apparel & Other Textile Products	.6	.5	.7	.1	- .1
Printing and Publishing	1.1	1.2	1.1	- .1	0
Other Nondurable Goods 2/	2.0	2.0	1.7	0	.3
NONMANUFACTURING	117.2	116.2	113.3	1.0	3.9
Construction	6.9	6.5	6.9	.4	0
Transportation and Public Utilities	5.2	5.1	4.9	.1	.3
Wholesale and Retail Trade	28.6	28.7	27.8	- .1	.8
Wholesale Trade	3.2	3.3	3.4	- .1	- .2
Retail Trade	25.4	25.4	24.4	0	1.0
Finance, Insurance and Real Estate	5.0	5.0	5.0	0	0
Services and Mining	28.4	28.0	26.7	.4	1.7
Government	43.1	42.9	42.0	.2	1.1
Federal Government	16.8	16.8	16.9	0	- .1
State and Local Government	26.3	26.1	25.1	.2	1.2

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	284.2	281.2	283.1	3.0	1.1
MANUFACTURING	28.7	27.3	29.8	1.4	- 1.1
Durable Goods	17.4	16.0	17.9	1.4	- .5
Lumber & Wood Products	1.6	1.6	1.8	0	- .2
Stone, Clay and Glass Products	1.8	1.7	1.8	.1	0
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.3	1.3	1.1	0	.2
Transportation Equipment	7.4	6.0	7.7	1.4	- .3
Other Durable Goods 1/	4.3	4.4	4.4	- .1	- .1
Nondurable Goods	11.3	11.3	11.9	0	- .6
Food and Kindred Products	5.4	5.3	5.6	.1	- .2
Apparel & Other Textile Products	.8	.9	.9	- .1	- .1
Printing and Publishing	2.3	2.3	2.3	0	0
Chemicals and Allied Products	1.4	1.3	1.6	.1	- .2
Agricultural Chemicals	.7	.7	.8	0	- .1
Other Nondurable Goods 2/	1.4	1.5	1.5	- .1	- .1
NONMANUFACTURING	255.5	253.9	253.3	1.6	2.2
Construction	15.2	14.8	15.7	.4	- .5
Transportation & Public Utilities	18.9	19.0	19.0	- .1	- .1
Railroads	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	69.7	68.9	68.2	.8	1.5
Wholesale Trade	14.1	14.1	14.9	0	- .8
Retail Trade	55.6	54.8	53.3	.8	2.3
Finance, Insurance & Real Estate	14.6	14.5	14.5	.1	.1
Banking	4.4	4.3	4.3	.1	.1
Insurance Carriers and Agents	3.1	3.1	3.1	0	0
Services and Mining	56.3	55.9	53.5	.4	2.8
Personal Services	4.1	4.2	4.3	- .1	- .2
Government	80.8	80.8	82.4	0	- 1.6
Federal Government	36.3	36.3	37.2	0	- .9
State & Local Government	44.5	44.5	45.2	0	- .7

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	434.2	432.9	423.4	1.3	10.8
MANUFACTURING	17.7	17.5	17.1	.2	.6
Durable Goods	10.5	10.3	10.3	.2	.2
Stone, Clay and Glass Products	1.0	1.0	1.1	0	- .1
Fabricated Metal Products	1.2	1.2	1.3	0	- .1
Machinery, except Electrical	.7	.6	.7	.1	0
Electric and Electronic Equipment	5.5	5.5	5.2	0	.3
Other Durable Goods 1/	2.1	2.0	2.0	.1	.1
Nondurable Goods	7.2	7.2	6.8	0	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.6	4.6	4.5	0	.1
Other Nondurable Goods 2/	1.5	1.5	1.2	0	.3
NONMANUFACTURING	416.5	415.4	406.3	1.1	10.2
Mining	.4	.4	.4	0	0
Construction	26.6	25.6	26.2	1.0	.4
Transportation & Public Utilities	28.9	28.9	28.8	0	.1
Transportation By Air	8.5	8.4	8.8	.1	- .3
Electric, Gas & Sanitary Service	3.6	3.6	3.4	0	.2
Wholesale and Retail Trade	98.6	98.5	96.8	.1	1.8
Wholesale Trade	18.2	18.1	18.5	.1	- .3
Retail Trade	80.4	80.4	78.3	0	2.1
General Merchandise Stores	12.5	12.7	11.9	- .2	.6
Food Stores	9.2	9.2	8.9	0	.3
Auto. Dealers & Service Stations	12.2	12.2	11.9	0	.3
Apparel & Accessory Stores	5.1	5.2	5.1	- .1	0
Eating & Drinking Places	22.7	22.4	21.7	.3	1.0
Finance, Insurance & Real Estate	27.4	27.3	26.5	.1	.9
Banking	6.0	6.0	5.9	0	.1
Services	113.9	114.0	109.6	- .1	4.3
Business Services	40.1	40.1	39.0	0	1.1
Government	120.7	120.7	118.0	0	2.7
Federal Government	68.2	68.2	66.7	0	1.5
State and Local Government	52.5	52.5	51.3	0	1.2

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	46.1	46.2	47.7	- .1	- 1.6
MANUFACTURING	11.5	11.7	12.1	- .2	- .6
Durable Goods	2.7	2.8	2.9	- .1	- .2
Lumber and Wood Products and Furniture & Fixtures	.8	.8	.7	0	.1
Stone, Clay and Glass Products	.2	.2	.3	0	- .1
Fabricated Metal Products	.1	.1	.2	0	- .1
Other Durable Goods 1/	1.6	1.7	1.7	- .1	- .1
Nondurable Goods	8.8	8.9	9.2	- .1	- .4
Food and Kindred Products	.4	.4	.3	0	.1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.1	0	0
Chemicals and Allied Products	3.4	3.5	3.7	- .1	- .3
Other Nondurable Goods 2/	3.9	3.9	4.1	0	- .2
NONMANUFACTURING	34.6	34.5	35.6	.1	- 1.0
Construction	2.1	2.0	3.0	.1	- .9
Transportation and Public Utilities	1.5	1.5	1.6	0	- .1
Wholesale and Retail Trade	8.1	8.1	8.1	0	0
Wholesale Trade	1.2	1.2	1.3	0	- .1
Retail Trade	6.9	6.9	6.8	0	.1
Finance, Insurance and Real Estate	1.2	1.2	1.3	0	- .1
Services and Mining	6.5	6.4	6.0	.1	.5
Government	15.2	15.3	15.6	- .1	- .4
Federal Government	4.8	4.9	5.6	- .1	- .8
State and Local Government	10.4	10.4	10.0	0	.4

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	327.9	326.7	324.8	1.2	3.1
MANUFACTURING	55.9	55.9	55.9	0	0
Durable Goods	17.7	17.7	18.1	0	- .4
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.2	2.2	2.2	0	0
Stone, Clay & Glass Products	1.4	1.4	1.3	0	.1
Fabricated Metal Products	2.4	2.4	2.4	0	0
Fabricated Structural Metal Products	1.8	1.8	1.8	0	0
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.2	8.2	8.5	0	- .3
Nondurable Goods	38.2	38.2	37.8	0	.4
Food & Kindred Products	4.3	4.3	4.4	0	- .1
Bakery Products	1.9	1.9	1.9	0	0
Tobacco Manufactures	12.7	12.8	12.0	- .1	.7
Cigarettes	11.9	11.9	11.1	0	.8
Tobacco Stemming & Redrying	.5	.5	.5	0	0
Apparel & Other Textile Products	2.1	2.1	2.5	0	- .4
Paper & Allied Products	4.2	4.1	4.2	.1	0
Printing and Publishing	5.2	5.2	5.2	0	0
Commercial Printing	2.9	2.9	2.9	0	0
Chemicals & Allied Products	7.7	7.7	7.6	0	.1
Other Nondurable Goods 2/	2.0	2.0	1.9	0	.1
NONMANUFACTURING	272.0	270.8	268.9	1.2	3.1
Mining	.4	.4	.4	0	0
Construction	15.9	15.3	16.5	.6	- .6
Transportation & Public Utilities	20.0	19.9	19.5	.1	.5
Wholesale & Retail Trade	73.9	73.4	72.5	.5	1.4
Wholesale Trade	22.1	22.1	22.0	0	.1
Retail Trade	51.8	51.3	50.5	.5	1.3
General Merchandise Stores	10.3	10.3	10.3	0	0
Food Stores	7.4	7.4	7.1	0	.3
Auto Dealers & Service Stations	5.6	5.5	5.8	.1	- .2
Finance, Insurance & Real Estate	26.8	26.7	26.8	.1	0
Insurance Carriers	10.5	10.5	10.3	0	.2
Services	59.5	59.4	58.4	.1	1.1
Government	75.5	75.7	74.8	- .2	.7
Federal Government	7.8	7.8	8.3	0	- .5
State & Local Government	67.7	67.9	66.5	- .2	1.2

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	103.0	102.6	104.4	.4	- 1.4
MANUFACTURING	20.9	20.9	21.0	0	- .1
Durable Goods	12.2	12.1	12.1	.1	.1
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.4	2.7	.1	- .2
Fabricated Structural Metal Products	1.2	1.1	1.3	.1	- .1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.6	6.6	6.3	0	.3
Nondurable Goods	8.7	8.8	8.9	- .1	- .2
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.7	1.7	1.9	0	- .2
Apparel & Other Textile Products	1.6	1.7	1.7	- .1	- .1
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.6	2.5	0	.1
NONMANUFACTURING	82.1	81.7	83.4	.4	- 1.3
Mining	.1	.1	.1	0	0
Construction	5.1	4.8	5.7	.3	- .6
Transportation & Public Utilities	9.5	9.5	10.0	0	- .5
Wholesale & Retail Trade	25.3	25.3	25.9	0	- .6
Wholesale Trade	7.3	7.4	7.5	- .1	- .2
Retail Trade	18.0	17.9	18.4	.1	- .4
Finance, Insurance & Real Estate	6.3	6.3	6.3	0	0
Services	19.6	19.5	19.4	.1	.2
Government	16.2	16.2	16.0	0	.2
Federal Government	3.1	3.1	3.2	0	- .1
State & Local Government	13.1	13.1	12.8	0	.3

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$263.87	$260.57	$234.02	39.8	39.6	39.2	$6.63	$6.58	$5.97
Durable Goods	268.62	262.25	239.76	40.7	40.1	39.5	6.60	6.54	6.07
Lumber and Wood Products	197.79	189.75	171.75	39.4	37.5	37.5	5.02	5.06	4.58
Furniture and Fixtures	179.44	174.72	163.74	39.7	39.0	38.8	4.52	4.48	4.22
Household and Office Furniture	178.54	173.82	161.70	39.5	38.8	38.5	4.52	4.48	4.20
Stone, Clay and Glass Products	251.08	241.79	218.99	41.5	39.9	39.6	6.05	6.06	5.53
Structural Clay Products	154.81	82.83	188.10	30.9	16.5	38.0	5.01	5.02	4.95
Glass and Glass Products	243.01	244.62	241.60	40.1	40.5	40.2	6.06	6.04	6.01
Primary Metal Industries	341.09	335.07	294.81	40.8	39.7	39.1	8.36	8.44	7.54
Fabricated Metal Products	321.12	317.52	281.64	40.7	40.5	39.5	7.89	7.84	7.13
Fabricated Structural Metal Products	298.98	300.76	278.80	40.9	41.2	40.0	7.31	7.30	6.97
Machinery, except Electrical	292.41	283.11	247.89	40.5	40.1	39.1	7.22	7.06	6.34
Construction and Related Machinery	300.98	271.29	236.44	41.4	38.7	36.6	7.27	7.01	6.46
Special Industry Machinery	332.93	322.81	290.21	40.9	40.2	39.7	8.14	8.03	7.31
Refrigeration and Service Machinery	297.62	306.87	262.67	41.8	43.1	41.3	7.12	7.12	6.36
Electric and Electronic Equipment	275.13	273.64	242.59	40.7	40.3	39.9	6.76	6.79	6.08
Communication Equipment	300.51	306.27	263.86	40.5	41.0	40.1	7.42	7.47	6.58
Instruments and Related Products	221.65	220.48	200.84	42.3	42.4	37.4	5.24	5.20	5.37
Miscellaneous Manufacturing Industries	209.82	214.73	206.46	38.5	38.9	39.4	5.45	5.52	5.24
Nondurable Goods	259.74	258.06	231.66	39.0	39.1	39.0	6.66	6.60	5.94
Food and Kindred Products	230.38	220.57	204.06	37.4	36.7	36.9	6.16	6.01	5.53
Tobacco Manufactures	413.82	403.52	348.72	39.6	39.6	37.7	10.45	10.19	9.25
Cigarettes	437.78	427.33	369.57	40.2	39.9	38.1	10.89	10.71	9.70
Textile Mill Products	208.69	210.27	199.75	39.6	39.9	41.1	5.27	5.27	4.86
Weaving Mills, Cotton, Synthetics and Wool	229.22	229.48	223.16	41.3	41.2	43.5	5.55	5.57	5.13
Knitting Mills	184.63	189.24	170.17	37.0	38.0	37.9	4.99	4.98	4.49
Yarn and Thread Mills	185.73	183.23	170.15	41.0	40.9	41.1	4.53	4.48	4.14
Miscellaneous Textile Goods	218.54	169.49	206.75	40.1	32.1	41.6	5.45	5.28	4.97
Apparel and Other Textile Products	158.68	158.99	143.87	35.9	36.3	35.7	4.42	4.38	4.03
Men's and Boys' Suits, Coats and Furnishings	166.32	161.72	146.20	36.0	35.7	36.1	4.62	4.53	4.05
Women's and Children's Outerwear & Undergarments	152.87	156.40	139.90	35.8	36.8	34.8	4.27	4.25	4.02
Paper and Allied Products	346.96	343.20	313.96	43.1	42.9	42.6	8.05	8.00	7.37
Pulp, Paper and Paperboard	421.57	420.08	387.45	44.8	44.5	45.0	9.41	9.44	8.61
Misc. Converted Paper and Paperboard Products, Containers and Boxes	271.51	267.21	242.00	41.2	41.3	40.4	6.59	6.47	5.99
Printing and Publishing	310.34	311.42	264.15	37.8	38.4	37.1	8.21	8.11	7.12
Newspapers and Periodicals	245.27	247.63	248.86	33.1	33.6	35.2	7.41	7.37	7.07
Chemical and Allied Products	355.66	356.99	318.93	41.5	41.9	41.8	8.57	8.52	7.63
Plastic Materials and Synthetics	370.71	373.51	325.50	41.7	42.3	42.0	8.89	8.83	7.75
Agricultural Chemicals	259.06	249.08	242.19	42.4	40.7	45.1	6.11	6.12	5.37
Leather and Leather Products	148.16	153.25	126.35	37.7	38.7	35.0	3.93	3.96	3.61

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	1) $218.89	1) $235.60	$198.52	37.1	38.0	36.9	1) $5.90	1) $6.20	$5.38
Durable Goods	1) 281.64	1) 306.23	237.68	39.5	40.4	38.9	1) 7.13	1) 7.58	6.11
Fabricated Metal Products	1) 349.66	1) 390.64	297.11	39.2	39.3	39.3	1) 8.92	1) 9.94	7.56
Machinery and Transportation Equipment	274.18	261.94	226.40	40.5	40.8	38.7	6.77	6.42	5.85
Nondurable Goods	165.20	166.25	152.59	35.0	35.6	34.6	4.72	4.67	4.41
Food and Kindred Products	185.16	193.41	181.94	34.1	34.6	34.2	5.43	5.59	5.32
Apparel and Other Textile Products	138.36	135.32	127.76	33.1	34.0	33.8	4.18	3.98	3.78

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,400 production workers.

1/ Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$264.79	$262.35	$232.83	40.8	40.3	39.0	$6.49	$6.51	$5.97
Durable Goods	275.54	272.68	249.31	40.7	40.1	39.2	6.77	6.80	6.36
Lumber and Wood Products and Furniture and Fixtures	180.95	174.26	161.08	38.5	37.8	37.9	4.70	4.61	4.25
Nondurable Goods	249.89	247.86	207.28	41.1	40.7	38.6	6.08	6.09	5.37
Food and Kindred Products	243.69	253.72	251.12	41.8	42.5	43.0	5.83	5.97	5.84
Textile Mill Products	224.62	228.17	216.30	40.4	40.6	42.0	5.56	5.62	5.15
Apparel and Other Textile Products	147.66	144.99	131.10	37.1	35.8	34.5	3.98	4.05	3.80
Paper and Allied Products	410.50	404.03	350.30	52.9	52.2	49.9	7.76	7.74	7.02

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$292.74	$272.95	$264.38	41.0	40.8	40.8	$7.14	$6.69	$6.48
Durable Goods	314.50	291.71	285.10	41.6	42.4	41.2	7.56	6.88	6.92
Lumber and Wood Products	241.67	226.40	214.43	44.1	40.0	41.0	5.48	5.66	5.23
Stone, Clay, and Glass Products	265.37	268.65	226.16	41.4	43.4	39.4	6.41	6.19	5.74
Fabricated Metal Products	236.34	216.59	211.82	40.4	37.8	40.5	5.85	5.73	5.23
Machinery, except Electrical	244.11	253.34	223.51	39.5	41.6	41.7	6.18	6.09	5.36
Transportation Equipment	394.90	360.04	347.36	43.3	46.1	41.6	9.12	7.81	8.35
Nondurable Goods	250.74	240.79	231.09	39.8	38.1	40.4	6.30	6.32	5.72
Food and Kindred Products	238.79	223.01	208.94	39.6	36.8	39.2	6.03	6.06	5.33
Apparel and Other Textile Products	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A
Chemicals and Allied Products	259.98	254.34	244.34	42.0	40.5	43.4	6.19	6.28	5.63

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,000 production workers.

1) Not Available.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$285.68	$294.48	$269.56	39.9	40.9	39.7	$7.16	$7.20	$6.79
Durable Goods	272.16	275.78	257.28	40.5	41.1	40.2	6.72	6.71	6.40
Stone, Clay, and Glass Products	216.82	228.86	221.56	37.0	38.4	38.2	5.86	5.96	5.80
Fabricated Metal Products	282.89	288.56	263.34	39.9	40.7	39.9	7.09	7.09	6.60
Electric and Electronic Equipment	1) 293.76	1) 297.47	288.53	43.2	43.3	43.0	1) 6.80	1) 6.87	6.71
Nondurable Goods	306.54	320.36	288.56	39.1	40.5	39.1	7.84	7.91	7.38
Food and Kindred Products	306.94	290.38	288.84	40.6	39.4	41.8	7.56	7.37	6.91

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$310.02	$302.59	$274.77	39.9	39.4	38.7	$7.77	$7.68	$7.10
Durable Goods	1) 202.62	1)195.62	159.04	1) 41.1	1) 39.6	35.9	1) 4.93	1) 4.94	4.43
Lumber and Wood Products and Furniture and Fixtures	1) 220.22	1)196.98	134.40	1) 44.4	1) 40.2	35.0	1) 4.96	1) 4.90	3.84
Nondurable Goods	346.10	337.59	312.44	39.6	39.3	39.6	8.74	8.59	7.89
Food & Kindred Products	224.62	215.84	216.68	39.2	38.0	40.5	5.73	5.68	5.35
Chemicals & Allied Products	378.31	370.80	357.85	41.3	41.2	42.1	9.16	9.00	8.50

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,000 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$352.46	$348.13	$301.78	40.7	40.2	39.5	$ 8.66	$ 8.66	$ 7.64
Durable Goods	322.18	317.12	286.23	41.2	40.5	40.6	7.82	7.83	7.05
Lumber and Wood Products	197.64	193.43	181.10	40.5	39.8	39.2	4.88	4.86	4.62
Furniture and Fixtures	187.67	192.06	191.73	40.1	39.6	41.5	4.68	4.85	4.62
Primary Metal Industries	490.31	490.53	454.83	41.8	41.5	43.4	11.73	11.82	10.48
Fabricated Metal Products	396.61	368.87	315.85	41.4	39.2	38.1	9.58	9.41	8.29
Fabricated Structural Metal Products	430.00	404.68	326.31	40.3	38.8	36.5	10.67	10.43	8.94
Nondurable Goods	364.50	360.00	308.50	40.5	40.0	39.1	9.00	9.00	7.89
Food and Kindred Products	252.05	243.51	222.48	40.2	38.9	39.1	6.27	6.26	5.69
Tobacco Manufactures	434.64	432.42	371.11	38.6	38.2	37.6	11.26	11.32	9.87
Cigarettes	443.50	441.21	385.23	38.7	38.2	38.6	11.46	11.55	9.98
Apparel and Other Textile Products	176.10	178.40	166.22	38.2	37.4	38.3	4.61	4.77	4.34
Paper and Allied Products	314.18	307.94	266.38	42.4	42.3	40.3	7.41	7.28	6.61
Printing and Publishing	349.85	347.31	303.74	38.7	39.2	38.4	9.04	8.86	7.91
Chemicals and Allied Products	414.90	414.62	347.75	43.3	43.4	41.3	9.56	9.62	8.42

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$246.40	$241.64	$216.55	40.0	39.1	38.6	$6.16	$6.18	$5.61
Durable Goods	247.63	245.70	219.82	40.2	39.0	38.7	6.16	6.30	5.68
Fabricated Metal Products	233.86	238.94	204.75	40.6	41.7	39.3	5.76	5.73	5.21
Fabricated Structural Metal Products	231.20	238.78	202.54	40.0	41.6	38.8	5.78	5.74	5.22
Nondurable Goods	244.95	236.98	215.60	39.7	39.3	38.5	6.17	6.03	5.60
Food and Kindred Products	248.11	250.71	229.06	43.0	43.3	43.3	5.77	5.79	5.29
Textile Mill Products	176.27	191.00	193.12	36.8	39.3	41.8	4.79	4.86	4.62

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
Virginia	$ 263.87	$260.57	$234.02	$207.55	$205.26	$188.07	$226.86	$224.37	$205.58
Bristol Area	1)218.89	235.60	198.52	176.12	187.95	172.63	192.89	205.55	189.08
Lynchburg SMSA	264.79	262.35	232.83	208.19	206.50	192.42	227.55	225.71	210.30
Norfolk-Virginia Beach-Portsmouth SMSA	292.74	272.95	264.38	227.06	213.73	209.28	248.61	233.70	228.61
Northern Virginia Area	258.68	294.48	269.56	203.95	228.23	219.78	222.95	249.92	234.21
Petersburg-Colonial Heights-Hopewell SMSA	310.02	302.59	274.77	238.61	233.69	216.43	261.51	256.03	236.54
Richmond SMSA	352.46	348.13	301.78	265.49	262.75	230.96	292.21	289.08	252.79
Roanoke SMSA	246.40	241.64	216.55	195.44	192.14	175.55	213.69	210.11	192.21

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	March 1981 2/	February 1981	March 1980	February 1980
NONAGRICULTURAL	2,154.1	2,160.7	2,133.8	2,141.0
MANUFACTURING	413.3	410.9	419.0	419.2
Durable Goods	190.6	188.5	192.9	193.2
Lumber & Wood Products	24.0	24.2	24.2	24.7
Furniture and Fixtures	26.1	25.7	26.9	26.9
Stone, Clay and Glass Products	12.7	12.6	13.4	13.6
Primary Metal Industries	12.1	11.7	13.3	13.2
Fabricated Metal Products	20.2	20.4	21.5	21.2
Machinery, except Electrical	15.2	15.2	15.5	15.8
Electric and Electronic Equipment	33.9	33.7	33.6	33.6
Transportation Equipment	38.8	36.5	36.9	36.4
Instruments and Related Products	4.0	4.0	4.0	3.9
Nondurable Goods	222.7	222.5	226.0	226.1
Food and Kindred Products	41.4	42.2	42.3	42.7
Tobacco Manufactures	17.0	16.9	16.6	16.7
Textile Mill Products	45.4	45.6	45.6	45.8
Apparel and Other Textile Products	34.0	33.3	35.6	35.6
Paper and Allied Products	14.5	14.5	14.7	14.6
Printing and Publishing	22.2	22.2	21.8	21.7
Chemicals and Allied Products	33.0	32.9	33.7	33.7
Leather and Leather Products	3.6	3.6	3.6	3.6
MINING	25.2	25.9	25.0	26.2
Bituminous Coal and Lignite Mining	22.2	22.9	21.6	22.7
CONTRACT CONSTRUCTION	120.0	122.7	129.9	133.4
TRANSPORTATION & PUBLIC UTILITIES	114.7	116.2	114.5	115.0
Railroad Transportation	13.4	13.6	13.9	14.0
Trucking and Warehousing	29.2	29.8	29.6	30.1
Transportation by Air	11.3	11.2	11.1	11.0
Communication	28.9	28.8	27.8	27.7
Electric, Gas and Sanitary Services	17.1	17.0	16.0	15.9
WHOLESALE AND RETAIL TRADE	458.4	460.6	447.8	452.1
Wholesale Trade	106.2	106.3	105.0	105.3
Retail Trade	352.0	352.6	342.5	345.1
General Merchandise Stores	58.5	58.2	56.8	57.4
Food Stores	56.1	56.6	54.1	54.4
FINANCE, INSURANCE & REAL ESTATE	108.3	108.1	106.1	106.7
Banking	31.3	31.1	31.1	31.1
Insurance Carriers	20.4	20.3	19.8	19.8
SERVICES	399.4	402.2	386.3	387.6
Personal Services	24.9	25.2	24.1	24.1
Business Services	78.4	78.8	76.0	76.0
GOVERNMENT	512.0	513.8	502.5	501.5
Federal Government	154.7	154.7	155.7	154.0
State and Local Government	358.2	359.5	347.8	346.0
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	40.2	39.9	39.6	39.6
Durable Goods	41.1	40.6	40.0	40.0
Lumber and Wood Products	39.4	38.1	37.5	36.8
Furniture and Fixtures	40.1	41.6	39.2	41.0
Household & Office Furniture	40.1	41.4	39.0	40.8
Stone, Clay & Glass Products	43.1	40.3	41.2	40.2
Primary Metal Industries	41.5	39.3	39.8	39.4
Fabricated Metal Products	40.8	40.8	39.6	40.0
Fabricated Structural Metal Products	41.3	41.8	40.4	40.0
Machinery, except Electrical	40.3	40.0	38.9	40.3
Electric and Electronic Equipment	40.9	40.3	40.1	40.5
Instruments & Related Products	42.0	43.0	37.1	39.5
Miscellaneous Manufacturing Industries	38.2	39.8	38.6	38.6
Nondurable Goods	39.3	39.5	39.3	39.5
Food & Kindred Products	37.8	37.8	37.3	38.0
Tobacco Manufactures	39.6	40.4	37.7	38.4
Cigarettes	40.4	40.9	37.6	38.7
Textile Mill Products	39.8	40.0	41.3	40.2
Weaving Mills, Cotton, Synthetics and Wool	41.4	41.7	43.6	43.3
Knitting Mills	38.1	37.8	39.0	38.0
Apparel & Other Textile Products	35.9	37.0	35.7	37.9
Men's and Boys' Suits, Coats and Furnishings	36.6	36.7	36.7	38.4
Women's and Children's Outerwear & Undergarments	35.7	37.2	34.7	37.3
Paper & Allied Products	43.2	43.0	42.7	42.7
Pulp, Paper and Paperboard	44.8	44.9	45.0	45.0
Printing and Publishing	37.9	38.3	37.6	38.1
Newspapers and Periodicals	33.3	33.7	35.4	36.8
Chemicals & Allied Products	41.5	41.7	41.8	41.4
Plastics Materials & Synthetics	41.9	42.6	42.2	42.2
Agricultural Chemicals	39.3	39.2	41.8	40.9
Leather & Leather Products	38.5	39.8	35.7	37.6

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1980
JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.1	242.8	380.1
1973	1,751.2	401.8	16.2	130.9	105.2	361.3	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.1	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	455.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
\ 1979	2,098.7	413.2	24.3	135.2	114.3	440.0	101.4	375.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	[illegible]
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.6	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	450.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.2
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.8	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	413.6	93.6	340.9	461.7
December	1,970.6	405.0	13.0	116.4	107.6	418.3	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.3
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.4
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2.044.2	409.8	21.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.1
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	[illegible]	117.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	[illegible]	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	375.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	493.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.3	386.1	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.1	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	101.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	513.8
March	2,154.1	411.3	25.2	120.0	114.7	458.4	108.3	399.2	512.0
April									
May									
June									
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

Table E-1

U.S. DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

UNION WAGE RATES AND HOURS AND EMPLOYER CONTRIBUTIONS TO SELECTED FUNDS IN THE PRINTING TRADES, SEPTEMBER 1, 1978 AND SEPTEMBER 2, 1980

CITY AND JOB CLASSIFICATION	SEPTEMBER 1, 1978	SEPTEMBER 2, 1980					
				EMPLOYER CONTRIBUTIONS FOR SELECTED BENEFITS 3/			
				INSURANCE 4/		PENSION	
	RATE PER HOUR 1/	RATE PER HOUR 1/	HOURS PER WEEK 2/	DOLLARS	PERCENT	DOLLARS	PERCENT
NORFOLK, VA.							
BOOK AND JOB							
COMPOSITORS, HAND........	$5.375	$8.638	37.50	-	-	-	-
MACHINE OPERATORS........	5.375	8.638	37.50	-	-	-	-
MACHINE TENDERS (MACHINISTS)............	5.375	8.638	37.50	-	-	-	-
NEWSPAPER							
COMPOSITORS, HAND:							
DAY SHIFT..............	6.946	8.638	37.50	-	-	-	-
SECOND SHIFT...........	7.079	8.717	37.50	-	-	-	-
MACHINE OPERATORS:							
DAY SHIFT..............	6.946	8.638	37.50	-	-	-	-
SECOND SHIFT...........	7.079	8.717	37.50	-	-	-	-
MAILERS:							
DAY SHIFT..............	6.160	7.626	37.50	*	*	*	*
SECOND SHIFT...........	6.266	7.706	37.50	*	*	*	*
PRESS OPERATORS, WEB:							
DAY SHIFT..............	6.853	8.486	37.50	-	-	-	-
SECOND SHIFT...........	6.986	8.620	37.50	-	-	-	-
PRESS OPERATORS-IN-CHARGE:							
DAY SHIFT..............	7.520	9.153	37.50	-	-	-	-
SECOND SHIFT...........	7.653	9.286	37.50	-	-	-	-

1/ BASIC (MINIMUM) RATES, EXCLUDING HOLIDAY,VACATION, OR OTHER BENEFIT PAYMENTS MADE OR REGULARLY CREDITED TO THE EMPLOYEE. WAGE RATES SHOWN REPRESENT RATES AVAILABLE AND PAYABLE ON THE FIRST WORKDAY IN SEPTEMBER OF THE SURVEY YEAR AND DO NOT INCLUDE INCREASES MADE LATER THAT ARE RETROACTIVE TO THAT DATE OR BEFORE.

2/ HOURS ARE THE SAME FOR BOTH YEARS UNLESS OTHERWISE INDICATED.

3/ SHOWN IN TERMS OF CENTS PER HOUR OR AS A PERCENT OF RATE; IN ACTUAL PRACTICE, HOWEVER, SOME EMPLOYER PAYMENTS ARE CALCULATED ON THE BASIS OF TOTAL HOURS OR GROSS PAYROLL. THESE VARIATIONS IN METHOD OF COMPUTATION ARE NOT INDICATED IN THE ABOVE TABULATION.

4/ INCLUDES LIFE INSURANCE, HOSPITALIZATION AND OTHER TYPES OF HEALTH AND WELFARE BENEFITS; EXCLUDES PAYMENTS INTO HOLIDAY, VACATION, AND UNEMPLOYMENT FUNDS WHEN SUCH PROGRAMS HAVE BEEN NEGOTIATED.

- NO DATA, OR NO DATA REPORTED. WHEN REFERRING TO A RATE PER HOUR FOR A PREVIOUS YEAR, "_" INDICATES EITHER A CHANGE IN PROGRESSION, OR A NEW JOB OR UNION NOT PREVIOUSLY REPORTED.

* AGREEMENT PROVIDES FOR EMPLOYER FINANCED PLAN; AMOUNT OF EMPLOYER PAYMENT NOT AVAILABLE.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

7/1/81 SR270-2

EMPLOYMENT HOURS AND EARNINGS

VOLUME 31
NUMBER 6

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

JUNE 1981

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
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Explanatory Notes

NONAGRICULTURAL EMPLOYMENT MOVES UP IN MAY

DURING MAY 1981 VIRGINIA'S NONAGRICULTURAL EMPLOYMENT ROSE 9,200 TO 2,132,400 - a somewhat smaller increase than has been recorded during the same time frame in previous years. Traditionally employment's low point for the year has been February and since then employment in the state has increased every month, but this too has been at a much slower pace. Manufacturing, construction, trade, services and transportation and public utilities were the major industry divisions that made advances in worker totals over the month. While fewer government employees were on payrolls, the other prime segments of the economy (mining and finance) maintained April's levels of employment. The over the year rise of 12,500 person, while noteworthy, does not compare favorably with prior May to May increases.

MANUFACTURING EMPLOYMENT ACROSS THE STATE ADDED 900 WORKERS BETWEEN APRIL AND MAY, REACHING A TOTAL OF 408,700 AND FOR THE FIRST TIME SINCE APRIL 1980 EMPLOYMENT WAS NOT BELOW A YEAR AGO. Contrasting movements prevailed within the industry with both increases and decreases being relatively small. largest increases were in the 300 to 400 range and were centered in lumber and wood products, food and kindred products, and plastics products prdoucers. Decreases were limited to the 100 and 200 variety. However, most segments just held their own ground over the month. Repercussions from the housing, steel and auto industries continued to be reflected in Virginia's manufacturing picture. Suppliers to these, as well as the mining industry, experienced a flattening in activity. High interest rates kept inventories lower than normal and employment opportunities were at a minimum. Factory production wosrkers across the state totaled 312,400 persons and earned an average weekly earning of $264.80 in May. This was $1.34 more than in April and $26.73 over May 1980. Average hourly earnings held steady at $6.67 between April and May but were 55 cents ahead of last year. A two-tenths of an hour increase in May brought the average workweek to 39.7 hours. This was eight-tenths of an hour longer than a year ago. In all of the major metropolitan areas, except Petersburg, average weekly earnings rose both over the month and over the year. A labor dispute in the Petersburg SMSA during the survey period was responsible for an unusually short workweek; thus, the reduction in earnings.

INCREASES IN THE TRADE AND SERVICES DIVISIONS WERE TRACEABLE TO SEASONAL PRESSURES. Activity at many tourist related businesses was stepped up in anticipation of a good season. In services, hotels, motels and amusement centers prepared for the early arrival of visitors. This overshadowed the releases made by tax consultants and business service firms. Services employment between mid-April and mid-May increased 2,700. Trade's uptrend for the same period amounted to 3,900. Eating and Drinking places, as well as food stores, were the principal gainers. Increases in sales were modest and consumer confidence, which had been improving in recent months, noted retrenchment. High interest rates discouraged sales of autos, home appliances and other items that purchasers generally must finance.

NONAGRICULTRUAL EMPLOYMENT MOVES UP IN MAY

(continued from page 1)

VIRGINIA'S WARM WEATHER IN MAY PERMITTED CONSTRUCTION WORK TO EXPAND AT MANY SITES AND THE NUMBER OF BUILDERS ROSE 1,600 TO 116,000. Construction remains a major area of weakness in the economy as homebuilding continues to lag, a victim of expensive money. Shrinkage in the supply of funds available to contractors has closed the door on plans for many new projects. Employment in financial institutions held steady over the month.

THE NUMBER OF PERSONS ON PAYROLLS IN THE TRANSPORTATION AND PUBLIC UTILITIES SECTOR WAS UP BY 500 OVER APRIL 1981. The return to work of telephone workers after the settlement of a labor dispute, the hiring of workers by trucking and warehousing firms and an increase in the number of longshoremen used in May aided in the rise. Shortages of coal to haul kept railroads from operating at full strength - counterbalancing a good portion of the uptrend.

THE BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMBER PRICE INDEX (U. S. City Average) rose 0.8 percent in May 1981 to 269.0 (1967=100). The over the year increase was 9.8 percent. The Urban Wage Earners and Clerical Workers Index at 269.1 (1967=100) was up 0.9 percent over the month and 9.8 percent over the year. Index figures for June 1981 will be available July 23, 1981 and may be obtained by calling 804-786-4490.

THE PRODUCERS PRICE INDEX FOR ALL COMMODITIES WAS 293.7 IN MAY 1981. The monthly increase was 0.3 percent and the yearly gain was 11.4 percent. The index for finished goods rose 0.4 percent between April and May 1981. The index at 268.9 was 10.5 percent higher than the corresponding period a year earlier.

Table B-1.

LABOR FORCE ESTIMATES[1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed [2]			Unemployed			Per Cent of Labor Force		
	April 1981	March 1981	April 1980	April 1981	March 1981	April 1980	April 1981	March 1981	April 1980	Apr. 1981	Mar. 1981	Apr. 1980
United States	105,678,000	105,405,000	103,412,000	98,282,000	97,318,000	96,566,000	7,396,000	8,087,000	6,846,000	7.0	7.7	6.6
Virginia	2,553,700	2,543,700	2,501,800	2,422,100	2,412,700	2,282,200	131,600	131,000	118,600	5.2	5.1	4.7
Bristol Area	39,420	39,280	38,480	36,990	36,790	36,360	2,430	2,490	2,120	6.2	6.4	5.5
Lynchburg SMSA	76,950	76,690	75,920	73,250	73,160	72,580	3,700	3,530	3,340	4.8	4.6	4.4
Newport News-Hampton SMSA	172,410	169,660	162,810	163,940	160,930	154,930	8,470	8,730	7,880	4.9	5.1	4.8
Norfolk-Virginia Beach-Portsmouth SMSA	331,060	329,080	323,270	312,590	311,210	304,570	18,470	17,870	18,700	5.6	5.4	5.8
Northern Virginia Area	577,900	575,000	557,900	559,900	557,800	539,900	18,000	17,200	18,000	3.1	3.0	3.2
Petersburg-Colonial Heights-Hopewell SMSA	59,410	59,450	60,030	55,730	55,670	56,870	3,680	3,780	3,160	6.2	6.4	5.3
Richmond SMSA	336,490	334,840	327,380	325,040	323,400	316,750	11,450	11,440	10,830	3.4	3.4	3.3
Roanoke SMSA	110,670	110,480	109,810	105,270	105,380	105,380	5,400	5,100	4,430	4.9	4.6	4.0

[1] **All data adjusted to a place-of-residence basis**

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
NONAGRICULTURAL 1/	2,132.4	2,123.2	2,119.9	9.2	12.5
MANUFACTURING	408.7	407.8	408.7	.9	0
Durable Goods	188.1	187.9	186.1	.2	2.0
Lumber and Wood Products	24.4	24.0	23.1	.4	1.3
Millwork, Plywood and Structural Members	6.6	6.4	6.2	.2	.4
Wood Containers	1.9	1.9	1.8	0	.1
Wood Buildings and Mobile Homes	3.2	3.2	3.2	0	0
Miscellaneous Wood Products	2.0	2.0	2.0	0	0
Furniture and Fixtures	26.3	26.3	26.0	0	.3
Household and Office Furniture	24.8	24.8	24.5	0	.3
Stone, Clay and Glass Products	12.6	12.6	12.7	0	- .1
Structural Clay Products	.9	.9	.8	0	.1
Concrete Gypsum and Plaster Products	7.2	7.4	7.3	- .2	- .1
Glass and Glass Products	1.7	1.6	1.8	.1	- .1
Primary Metal Industries	11.7	11.8	12.5	- .1	- .8
Fabricated Metal Products	20.4	20.4	20.5	0	- .1
Fabricated Structural Metal Products	12.9	12.8	13.0	.1	- .1
Machinery, except Electrical	14.4	14.6	15.0	- .2	- .6
Construction and Related Machinery	4.2	4.3	4.6	- .1	- .4
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	1.9	1.9	2.0	0	- .1
Electric and Electronic Equipment	33.6	33.6	33.4	0	.2
Communication Equipment	11.5	11.5	11.6	0	- .1
Electronic Components and Accessories	5.5	5.5	5.5	0	0
Transportation Equipment	37.1	37.1	35.5	0	1.6
Instruments and Related Products	4.1	4.0	3.9	.1	.2
Miscellaneous Manufacturing Industries	3.5	3.5	3.5	0	0
Nondurable Goods	220.6	219.9	222.6	.7	- 2.0
Food and Kindred Products	40.3	40.0	40.7	.3	- .4
Meat Products	13.1	13.0	13.4	.1	- .3
Dairy Products	2.9	2.9	2.5	0	.4
Preserved Fruits and Vegetables	2.4	2.5	3.0	- .1	- .6
Bakery Products	5.1	5.0	5.0	.1	.1
Beverages	5.7	5.6	5.6	.1	.1
Tobacco Manufactures	16.1	16.2	15.6	- .1	.5
Cigarettes	14.0	14.0	13.7	0	.3
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	1.7	1.8	1.5	- .1	.2
Textile Mill Products	44.8	44.8	45.0	0	- .2
Weaving Mills, Cotton, Synthetics and Wool	18.8	18.7	19.0	.1	- .2
Narrow Fabric Mills	1.1	1.1	1.2	0	- .1
Knitting Mills	14.1	14.4	13.5	- .3	.6
Textile Finishing, except Wool	4.8	4.7	5.0	.1	- .2
Yarn and Thread Mills	3.2	3.2	3.2	0	0
Miscellaneous Textile Goods	1.2	1.2	1.3	0	- .1
Apparel and Other Textile Products	34.0	33.9	35.1	.1	- 1.1
Men's and Boys' Suits, Coats and Furnishings	12.4	12.7	13.5	- .3	- 1.1
Women's and Children's Outerwear & Undergarments	18.0	17.5	17.6	.5	.4
Miscellaneous Fabricated Textile Products	1.8	1.8	1.8	0	0
Paper and Allied Products	14.3	14.4	14.6	- .1	- .3
Pulp, Paper and Paperboard	7.7	7.6	7.7	.1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.9	6.0	6.2	- .1	- .3
Miscellaneous Converted Paper Products	2.3	2.4	2.6	- .1	- .3
Paperboard Containers and Boxes	3.6	3.6	3.6	0	0
Printing and Publishing	22.1	22.1	21.9	0	.2
Newspapers and Periodicals	8.3	8.2	8.4	.1	- .1
Commercial Printing	8.2	8.2	8.3	0	- .1
Chemicals and Allied Products	33.2	33.0	33.7	.2	- .5
Industrial Inorganic Chemicals	.8	.8	.9	0	- .1
Plastics Materials and Synthetics	19.6	19.4	20.2	.2	- .6
Drugs	2.8	2.7	2.7	.1	.1
Agricultural Chemicals	1.6	1.7	1.9	- .1	- .3
Miscellaneous Chemical Products	3.5	3.5	3.3	0	.2
Petroleum, Rubber and Misc. Plastics Products	12.3	12.0	12.4	.3	- .1
Miscellaneous Plastics Products	5.9	5.6	5.7	.3	.2
Rubber and Rubber Products	6.1	6.1	6.4	0	- .3
Leather and Leather Products	3.5	3.5	3.6	0	- .1

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
(Continued from page 4)					
NONMANUFACTURING	1,723.7	1,715.4	1,711.2	8.3	12.5
Mining	13.5	13.5	23.8	0	-10.3
Bituminous Coal and Lignite Mining	10.6	10.6	20.4	0	-9.8
Construction	116.0	114.4	125.0	1.6	-9.0
Transportation and Public Utilities	114.2	113.7	114.7	.5	-.5
Railroad Transportation	11.6	13.1	14.4	1.5	-2.8
Trucking and Warehousing	29.1	28.6	29.4	.5	-.3
Transportation by Air	11.0	11.1	11.0	-.1	0
Communication	29.7	28.9	28.0	.8	1.7
Electric, Gas and Sanitary Services	17.3	17.2	16.4	.1	.9
Wholesale and Retail Trade	455.9	452.0	442.3	3.9	13.6
Wholesale	105.0	105.3	103.6	-.3	1.4
Wholesale Trade Durable Goods	63.6	63.6	63.5	0	.1
Wholesale Trade Nondurable Goods	41.4	41.7	40.1	-.3	1.3
Retail	350.9	346.7	338.7	4.2	12.2
General Merchandise Stores	55.4	55.3	54.0	.1	1.4
Department Stores	40.7	40.8	40.1	-.1	.6
Variety Stores	9.2	9.1	8.7	.1	.5
Food Stores	56.0	55.6	53.8	.4	2.2
Automotive Dealers and Service Stations	46.6	46.4	46.5	.2	.1
Furniture and Home Furnishings Stores	15.1	15.1	15.5	0	-.4
Miscellaneous Retail	43.6	43.4	42.7	.2	.9
Finance, Insurance and Real Estate	107.5	107.5	105.3	0	2.2
Banking	31.0	31.0	31.0	0	0
Insurance Carriers	20.2	20.2	20.0	0	.2
Real Estate	24.1	24.0	23.2	.1	.9
Services	400.6	397.9	387.0	2.7	13.6
Personal Services	24.9	25.8	24.6	-.9	.3
Business Services	77.2	77.5	75.2	-.3	2.0
Auto and Miscellaneous Repair Service	18.7	18.8	18.4	-.1	.3
Health Services	104.0	103.6	99.9	.4	4.1
Government	516.0	516.4	513.1	-.4	2.9
Federal Government	155.4	155.2	161.9	.2	-6.5
State and Local Government	360.6	361.2	351.2	-.6	9.4
State Government	119.3	119.4	118.9	-.1	.4
Local Government	241.3	241.8	232.3	-.5	9.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1980
JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.1	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	416.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	141.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,132.4	408.7	13.5	116.0	114.2	455.9	107.5	400.6	516.0
June									
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the countires of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
NONAGRICULTURAL 1/	907.1	903.2	887.6	3.9	19.5
MANUFACTURING	144.0	143.8	145.1	.2	- 1.1
Durable Goods	45.3	45.2	44.9	.1	.4
Lumber and Wood Products	4.3	4.2	4.2	.1	.1
Furniture and Fixtures	9.0	9.1	8.8	- .1	.2
Stone, Clay and Glass Products	1.3	1.3	1.5	0	- .2
Primary Metal Industries	2.0	2.0	1.9	0	.1
Fabricated Metal Products	3.5	3.5	3.4	0	.1
Machinery, except Electrical	2.4	2.4	2.4	0	0
Electric and Electronic Equipment	15.2	15.2	15.0	0	.2
Transportation Equipment	4.9	4.9	4.9	0	0
Instruments and Related Products	1.6	1.6	1.6	0	0
Miscellaneous Manufacturing Industries	1.1	1.0	1.2	.1	- .1
Nondurable Goods	98.7	98.6	100.2	.1	- 1.5
Food and Kindred Products	13.9	13.9	14.6	0	- .7
Tobacco Manufactures	5.4	5.5	5.3	- .1	.1
Textile Mill Products	24.7	24.8	24.4	- .1	.3
Apparel and Other Textile Products	30.5	30.5	31.5	0	- 1.0
Paper and Allied Products	2.4	2.4	2.5	0	- .1
Printing and Publishing	7.7	7.7	7.7	0	0
Chemicals and Allied Products	8.6	8.4	8.7	.2	- .1
Petroleum, Rubber and Misc. Plastics Products	2.8	2.7	2.7	.1	.1
Leather and Leather Products	2.7	2.7	2.8	0	- .1
NONMANUFACTURING	763.1	759.4	742.5	3.7	20.6
Mining	.5	.5	.6	0	- .1
Construction	7.7	7.6	7.8	.1	- .1
Transportation and Public Utilities	28.4	28.2	27.9	.2	.5
Wholesale and Retail Trade	189.1	187.4	182.5	1.7	6.6
Wholesale Trade	20.4	20.5	20.6	- .1	- .2
Retail Trade	168.7	166.9	161.9	1.8	6.8
Finance, Insurance and Real Estate	61.9	61.7	59.8	.2	2.1
Services	221.7	219.9	214.1	1.8	7.6
Government	253.8	254.1	249.8	- .3	4.0
Federal Government	56.1	56.0	57.4	.1	- 1.3
State and Local Government	197.7	198.1	192.4	- .4	5.3

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
MANUFACTURING	312.4	311.9	313.5	.5	- 1.1
Durable Goods	142.0	141.9	140.0	.1	2.0
Lumber and Wood Products	20.8	20.4	19.6	.4	1.2
Millwork, Plywood and Structural Members	5.5	5.3	5.2	.2	.3
Wood Containers	1.7	1.7	1.7	0	0
Wood Buildings and Mobile Homes	2.3	2.4	2.3	- .1	0
Miscellaneous Wood Products	1.8	1.8	1.8	0	0
Furniture and Fixtures	22.1	22.2	21.7	- .1	.4
Household and Office Furniture	20.9	21.1	20.7	- .2	.2
Stone, Clay and Glass Products	9.9	10.0	10.0	- .1	- .1
Structural Clay Products	.8	.7	.7	.1	.1
Concrete Gypsum and Plaster Products	5.8	5.9	5.8	- .1	0
Glass and Glass Products	1.3	1.2	1.5	.1	- .2
Primary Metal Industries	6.2	6.4	6.9	- .2	- .7
Fabricated Metal Products	13.2	13.2	13.3	0	- .1
Fabricated Structural Metal Products	7.5	7.5	7.6	0	- .1
Machinery, except Electrical	10.0	10.1	10.4	- .1	- .4
Construction and Related Machinery	2.5	2.6	2.8	- .1	- .3
Special Industry Machinery	1.5	1.5	1.4	0	.1
Refrigeration and Service Machinery	1.3	1.2	1.3	.1	0
Electric and Electronic Equipment	22.7	22.6	22.5	.1	.2
Communication Equipment	7.2	7.2	7.2	0	0
Electronic Components and Accessories	3.5	3.5	3.6	0	- .1
Transportation Equipment	31.9	31.9	30.5	0	1.4
Instruments and Related Products	2.5	2.4	2.4	.1	.1
Miscellaneous Manufacturing Industries	2.7	2.7	2.7	0	0
Nondurable Goods	170.4	170.0	173.5	.4	- 3.1
Food and Kindred Products	28.9	28.9	29.6	0	- .7
Meat Products	11.2	11.2	11.5	0	- .3
Dairy Products	1.5	1.5	1.2	0	.3
Preserved Fruits and Vegetables	1.8	2.0	2.4	- .2	- .6
Bakery Products	2.6	2.6	2.6	0	0
Beverages	2.3	2.3	2.2	0	.1
Tobacco Manufactures	11.7	11.8	11.3	- .1	.4
Cigarettes	10.3	10.3	10.1	0	.2
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.1	1.2	.9	- .1	.2
Textile Mill Products	40.1	40.1	40.3	0	- .2
Weaving Mills, Cotton, Synthetics and Wool	16.5	16.4	16.7	.1	- .2
Narrow Fabric Mills	1.0	1.0	1.1	0	- .1
Knitting Mills	13.0	13.2	12.4	- .2	.6
Textile Finishing, except Wool	4.4	4.4	4.6	0	- .2
Yarn and Thread Mills	2.9	2.8	2.9	.1	0
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	30.8	30.8	32.2	0	- 1.4
Men's and Boys' Suits, Coats and Furnishings	11.2	11.5	12.5	- .3	- 1.3
Women's and Children's Outerwear & Undergarments	16.5	16.2	16.4	.3	.1
Miscellaneous Fabricated Textile Products	1.4	1.4	1.2	0	.2
Paper and Allied Products	10.7	10.7	11.1	0	- .4
Pulp, Paper and Paperboard	5.4	5.3	5.5	.1	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	4.9	5.0	5.1	- .1	- .2
Miscellaneous Converted Paper Products	2.0	2.1	2.2	- .1	- .2
Paperboard Containers and Boxes	2.9	2.9	2.9	0	0
Printing and Publishing	13.0	13.0	13.1	0	- .1
Newspapers and Periodicals	3.0	3.0	3.0	0	0
Commercial Printing	6.3	6.3	6.4	0	- .1
Chemicals and Allied Products	22.6	22.4	23.2	.2	- .6
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	14.4	14.1	14.7	.3	- .3
Drugs	1.3	1.3	1.3	0	0
Agricultural Chemicals	.9	1.0	1.2	- .1	- .3
Miscellaneous Chemical Products	2.4	2.4	2.2	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.4	9.1	9.4	.3	0
Miscellaneous Plastics Products	4.4	4.1	4.2	.3	.2
Rubber and Rubber Products	4.8	4.8	5.0	0	- .2
Leather and Leather Products	3.2	3.2	3.3	0	- .1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
NONAGRICULTURAL	29.0	28.9	28.5	.1	.5
MANUFACTURING	9.4	9.3	9.3	.1	.1
Durable Goods	4.4	4.4	4.6	0	- .2
Lumber and Wood Products and Furniture and Fixtures	.2	.3	.3	- .1	- .1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.0	2.0	2.1	0	- .1
Other Durable Goods 1/	1.9	1.8	1.9	.1	0
Nondurable Goods	5.0	4.9	4.7	.1	.3
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.0	1.9	.1	.2
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.5	0	0
NONMANUFACTURING	19.6	19.6	19.2	0	.4
Construction	1.5	1.5	1.4	0	.1
Transportation & Public Utilities	1.2	1.2	1.2	0	0
Trade	6.7	6.8	6.6	- .1	.1
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.0	5.1	4.9	- .1	.1
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.7	3.7	.1	.1
Government	5.4	5.4	5.3	0	.1
State and Local Government	5.1	5.1	4.9	0	.2

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
NONAGRICULTURAL	71.3	71.6	72.6	- .3	- 1.3
MANUFACTURING	28.9	29.0	29.3	- .1	- .4
Durable Goods	18.3	18.4	18.7	- .1	- .4
Lumber and Wood Products and Furniture and Fixtures	4.1	4.1	4.1	0	0
Other Durable Goods 1/	14.2	14.3	14.6	- .1	- .4
Nondurable Goods	10.6	10.6	10.6	0	0
Food and Kindred Products	1.8	1.7	1.4	.1	.4
Textile Mill Products	1.7	1.8	1.8	- .1	- .1
Apparel & Other Textile Products	2.5	2.5	2.6	0	- .1
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.5	3.5	3.8	0	- .3
NONMANUFACTURING	42.4	42.6	43.3	- .2	- .9
Construction	3.5	3.3	3.6	.2	- .1
Transportation and Public Utilities	2.7	2.6	2.8	.1	- .1
Wholesale and Retail Trade	11.3	11.4	11.8	- .1	- .5
Wholesale Trade	2.2	2.2	2.2	0	0
Retail Trade	9.1	9.2	9.6	- .1	- .5
Finance, Insurance and Real Estate	3.6	3.6	3.5	0	.1
Services and Mining	10.8	11.1	11.1	- .3	- .3
Government	10.5	10.6	10.5	- .1	0

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
NONAGRICULTURAL	157.7	156.3	151.5	1.4	6.2
MANUFACTURING	35.3	35.4	33.7	- .1	1.6
Durable Goods	28.6	28.8	27.3	- .2	1.3
Stone, Clay & Glass Products	.5	.5	.6	0	- .1
Transportation Equipment	24.6	24.7	22.8	- .1	1.8
Other Durable Goods 1/	3.5	3.6	3.9	- .1	- .4
Nondurable Goods	6.7	6.6	6.4	.1	.3
Food & Kindred Products	3.0	2.9	2.8	.1	.2
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.7	0	- .1
Printing and Publishing	1.1	1.1	1.1	0	0
Other Nondurable Goods 2/	2.0	2.0	1.8	0	.2
NONMANUFACTURING	122.4	120.9	117.8	1.5	4.6
Construction	7.2	7.2	7.2	0	0
Transportation and Public Utilities	5.2	5.2	5.2	0	0
Wholesale and Retail Trade	29.3	29.2	28.4	.1	.9
Wholesale Trade	3.3	3.3	3.3	0	0
Retail Trade	26.0	25.9	25.1	.1	.9
Finance, Insurance and Real Estate	5.2	5.1	5.1	.1	.1
Services and Mining	32.1	31.0	28.8	1.1	3.3
Government	43.4	43.2	43.1	.2	.3
Federal Government	17.1	16.9	17.6	.2	- .5
State and Local Government	26.3	26.3	25.5	0	.8

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
NONAGRICULTURAL	289.8	286.3	284.8	3.5	5.0
MANUFACTURING	29.1	28.6	29.5	.5	- .4
Durable Goods	17.6	17.3	17.8	.3	- .2
Lumber & Wood Products	1.6	1.6	1.7	0	- .1
Stone, Clay and Glass Products	1.9	1.9	1.8	0	.1
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	N/A	N/A	.9	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.5	7.2	7.6	.3	- .1
Other Durable Goods 1/	4.3	4.3	4.4	0	- .1
Nondurable Goods	11.5	11.3	11.7	.2	- .2
Food and Kindred Products	5.6	5.4	5.6	.2	0
Apparel & Other Textile Products	.8	.8	.9	0	- .1
Printing and Publishing	2.4	2.3	2.4	.1	0
Chemicals and Allied Products	1.3	1.4	1.4	- .1	- .1
Agricultural Chemicals	.6	.7	.7	- .1	- .1
Other Nondurable Goods 2/	1.4	1.4	1.4	0	0
NONMANUFACTURING	260.7	257.7	255.3	3.0	5.4
Construction	16.0	15.6	15.6	.4	.4
Transportation & Public Utilities	19.2	19.0	19.1	.2	.1
Railroads	1.1	1.4	1.5	- .3	- .4
Wholesale and Retail Trade	72.0	70.8	67.9	1.2	4.1
Wholesale Trade	14.2	14.2	14.5	0	- .3
Retail Trade	57.8	56.6	53.4	1.2	4.4
Finance, Insurance & Real Estate	14.8	14.7	14.6	.1	.2
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.1	3.1	3.1	0	0
Services and Mining	58.1	56.9	54.8	1.2	3.3
Personal Services	4.4	4.2	4.1	.2	.3
Government	80.6	80.7	83.3	- .1	- 2.7
Federal Government	36.9	36.7	38.1	.2	- 1.2
State & Local Government	43.7	44.0	45.2	- .3	- 1.5

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
NONAGRICULTURAL	442.8	440.7	429.0	2.1	13.8
MANUFACTURING	17.6	17.7	16.9	- .1	.7
Durable Goods	10.3	10.4	10.2	- .1	.1
Stone, Clay and Glass Products	.9	.9	1.0	0	- .1
Fabricated Metal Products	1.2	1.2	1.2	0	0
Machinery, except Electrical	.7	.7	.7	0	0
Electric and Electronic Equipment	5.4	5.5	5.3	- .1	.1
Other Durable Goods 1/	2.1	2.1	2.0	0	.1
Nondurable Goods	7.3	7.3	6.7	0	.6
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.7	4.7	4.4	0	.3
Other Nondurable Goods 2/	1.5	1.5	1.2	0	.3
NONMANUFACTURING	425.2	423.0	412.1	2.2	13.1
Mining	.4	.4	.4	0	0
Construction	28.5	28.4	27.1	.1	1.4
Transportation & Public Utilities	29.2	28.9	28.7	.3	.5
Transportation By Air	8.3	8.4	8.7	- .1	- .4
Electric, Gas & Sanitary Service	3.7	3.6	3.4	.1	.3
Wholesale and Retail Trade	100.7	100.2	97.3	.5	3.4
Wholesale Trade	17.9	18.0	18.3	- .1	- .4
Retail Trade	82.8	82.2	79.0	.6	3.8
General Merchandise Stores	12.7	12.6	11.8	.1	.9
Food Stores	9.2	9.3	9.3	- .1	- .1
Auto. Dealers & Service Stations	12.3	12.3	11.9	0	.4
Apparel & Accessory Stores	5.2	5.2	5.0	0	.2
Eating & Drinking Places	24.3	24.0	22.6	.3	1.7
Finance, Insurance & Real Estate	28.1	27.8	27.1	.3	1.0
Banking	6.1	6.0	6.0	.1	.1
Services	115.7	115.1	111.6	.6	4.1
Business Services	40.2	40.3	39.0	- .1	1.2
Government	122.6	122.2	119.9	.4	2.7
Federal Government	69.3	68.9	68.6	.4	.7
State and Local Government	53.3	53.3	51.3	0	2.0

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	May 1981	April 1981	May 1980	April 1981	May 1980
NONAGRICULTURAL	46.5	46.3	48.6	.2	- 2.1
MANUFACTURING	11.4	11.5	11.7	- .1	- .3
Durable Goods	2.6	2.7	2.6	- .1	0
Lumber and Wood Products and Furniture & Fixtures	.8	.8	.4	0	.4
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.1	.1	.2	0	- .1
Other Durable Goods 1/	1.5	1.6	1.8	- .1	- .3
Nondurable Goods	8.8	8.8	9.1	0	- .3
Food and Kindred Products	.4	.4	.3	0	.1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.1	0	0
Chemicals and Allied Products	3.4	3.4	3.6	0	- .2
Other Nondurable Goods 2/	3.9	3.9	4.1	0	- .2
NONMANUFACTURING	35.1	34.8	36.9	.3	- 1.8
Construction	2.3	2.2	3.5	.1	- 1.2
Transportation and Public Utilities	1.5	1.5	1.6	0	- .1
Wholesale and Retail Trade	8.4	8.1	8.3	.3	.1
Wholesale Trade	1.2	1.2	1.3	0	- .1
Retail Trade	7.2	6.9	7.0	.3	.2
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.5	6.5	6.1	0	.4
Government	15.1	15.2	16.1	- .1	- 1.0
Federal Government	4.8	4.8	6.1	0	- 1.3
State and Local Government	10.3	10.4	10.0	- .1	.3

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees) May 1981	April 1981	May 1980	NET CHANGE FROM April 1981	May 1980
NONAGRICULTURAL	331.0	330.8	326.9	.2	4.1
MANUFACTURING	56.2	56.1	55.1	.1	1.1
Durable Goods	17.9	17.8	17.8	.1	.1
Lumber & Wood Products	1.5	1.4	1.4	.1	.1
Furniture & Fixtures	2.2	2.2	2.2	0	0
Stone, Clay & Glass Products	1.4	1.4	1.2	0	.2
Fabricated Metal Products	2.5	2.5	2.4	0	.1
Fabricated Structural Metal Products	1.8	1.8	1.8	0	0
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.2	8.2	8.5	0	.3
Nondurable Goods	38.3	38.3	37.3	0	1.0
Food & Kindred Products	4.3	4.2	4.2	.1	.1
Bakery Products	1.9	1.8	1.7	.1	.2
Tobacco Manufactures	12.7	12.7	11.8	0	.9
Cigarettes	11.8	11.8	11.2	0	.6
Tobacco Stemming & Redrying	.5	.5	.2	0	.3
Apparel & Other Textile Products	2.2	2.2	2.4	0	- .2
Paper & Allied Products	4.1	4.2	4.2	- .1	- .1
Printing and Publishing	5.2	5.2	5.2	0	0
Commercial Printing	2.9	2.9	2.9	0	0
Chemicals & Allied Products	7.8	7.7	7.5	.1	.3
Other Nondurable Goods 2/	2.0	2.1	2.0	- .1	0
NONMANUFACTURING	274.8	274.7	271.8	.1	3.0
Mining	.3	.3	.4	0	- .1
Construction	16.5	16.1	16.7	.4	- .2
Transportation & Public Utilities	20.1	20.0	19.7	.1	.4
Wholesale & Retail Trade	74.8	74.8	72.3	0	2.5
Wholesale Trade	22.1	22.1	21.9	0	.2
Retail Trade	52.7	52.7	50.4	0	2.3
General Merchandise Stores	10.3	10.3	10.3	0	0
Food Stores	7.5	7.5	7.1	0	.4
Auto Dealers & Service Stations	5.7	5.7	5.6	0	.1
Finance, Insurance & Real Estate	26.7	27.0	27.0	- .3	- .3
Insurance Carriers	10.4	10.4	10.4	0	0
Services	61.2	61.0	60.1	.2	1.1
Government	75.2	75.5	75.6	- .3	- .4
Federal Government	7.8	7.8	9.1	0	- 1.3
State & Local Government	67.4	67.7	66.5	- .3	.9

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees) May 1981	April 1981	May 1980	NET CHANGE FROM April 1981	May 1980
NONAGRICULTURAL	103.1	103.1	105.2	0	- 2.1
MANUFACTURING	21.0	20.9	21.0	.1	0
Durable Goods	12.3	12.2	12.1	.1	.2
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.2	1.2	1.3	0	- .1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.7	6.6	6.4	.1	.3
Nondurable Goods	8.7	8.7	8.9	0	- .2
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.7	1.9	- .1	- .3
Apparel & Other Textile Products	1.7	1.7	1.7	0	0
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.5	2.5	.1	.1
NONMANUFACTURING	82.1	82.2	84.2	- .1	- 2.1
Mining	.1	.1	.1	0	0
Construction	5.5	5.5	6.2	0	- .7
Transportation & Public Utilities	8.8	9.1	9.9	- .3	- 1.1
Wholesale & Retail Trade	25.5	25.5	25.7	0	- .2
Wholesale Trade	7.3	7.4	7.4	- .1	- .1
Retail Trade	18.2	18.1	18.3	.1	- .1
Finance, Insurance & Real Estate	6.3	6.3	6.3	0	0
Services	20.0	19.8	19.9	.2	.1
Government	15.9	15.9	16.1	0	- .2
Federal Government	3.1	3.1	3.4	0	- .3
State & Local Government	12.8	12.8	12.7	0	.1

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
MANUFACTURING	$264.80	$263.46	$238.07	39.7	39.5	38.9	$6.67	$6.67	$6.12
Durable Goods	268.00	267.85	241.18	40.3	40.4	38.9	6.65	6.63	6.20
Lumber and Wood Products	199.43	202.00	171.40	38.8	39.3	37.1	5.14	5.14	4.62
Furniture and Fixtures	176.26	180.32	156.88	38.4	39.2	36.4	4.59	4.60	4.31
Household and Office Furniture	175.34	180.32	154.94	38.2	39.2	36.2	4.59	4.60	4.28
Stone, Clay and Glass Products	253.94	240.59	226.94	40.5	40.3	39.4	6.27	5.97	5.76
Structural Clay Products	221.65	217.18	184.17	41.9	40.9	35.9	5.29	5.31	5.13
Glass and Glass Products	240.56	238.73	250.45	39.5	39.2	40.2	6.09	6.09	6.23
Primary Metal Industries	338.40	350.70	284.83	40.0	41.9	36.1	8.46	8.37	7.89
Fabricated Metal Products	330.88	325.61	288.08	40.9	40.6	39.9	8.09	8.02	7.22
Fabricated Structural Metal Products	315.66	317.67	287.82	42.2	42.3	41.0	7.48	7.51	7.02
Machinery, except Electrical	290.97	289.02	253.09	40.3	39.7	39.3	7.22	7.28	6.44
Construction and Related Machinery	277.81	269.00	251.67	37.9	36.5	38.6	7.33	7.37	6.52
Special Industry Machinery	346.94	329.67	296.74	41.8	40.5	40.1	8.30	8.14	7.40
Refrigeration and Service Machinery	321.94	313.45	239.65	45.6	43.9	37.8	7.06	7.14	6.34
Electric and Electronic Equipment	271.62	269.96	238.51	40.3	39.7	39.1	6.74	6.80	6.10
Communication Equipment	297.31	290.86	257.52	39.8	39.2	38.9	7.47	7.42	6.62
Instruments and Related Products	199.08	206.11	211.18	39.5	40.1	39.4	5.04	5.14	5.36
Miscellaneous Manufacturing Industries	209.00	200.16	196.26	38.0	36.0	37.1	5.50	5.56	5.29
Nondurable Goods	261.58	261.02	235.34	39.1	38.9	38.9	6.69	6.71	6.05
Food and Kindred Products	243.75	232.47	220.00	39.0	37.8	37.8	6.25	6.15	5.82
Tobacco Manufactures	428.68	436.61	363.44	38.9	39.8	38.5	11.02	10.97	9.44
Cigarettes	456.15	462.30	381.37	39.7	40.2	38.6	11.49	11.50	9.88
Textile Mill Products	213.56	201.88	194.48	40.6	38.6	40.1	5.26	5.23	4.85
Weaving Mills, Cotton, Synthetics and Wool	232.40	230.32	217.60	41.5	41.5	42.5	5.60	5.55	5.12
Knitting Mills	189.93	170.94	169.72	39.0	35.1	37.3	4.87	4.87	4.55
Yarn and Thread Mills	195.89	184.87	165.24	42.4	40.9	40.5	4.62	4.52	4.08
Miscellaneous Textile Goods	219.14	194.88	192.94	39.7	36.7	39.7	5.52	5.31	4.86
Apparel and Other Textile Products	160.73	160.64	147.70	36.2	36.1	36.2	4.44	4.45	4.08
Men's and Boys' Suits, Coats and Furnishings	162.74	165.32	150.06	34.7	35.4	35.9	4.69	4.67	4.18
Women's and Children's Outerwear & Undergarments	154.34	154.44	144.44	36.4	36.0	36.2	4.24	4.29	3.99
Paper and Allied Products	351.11	344.43	317.34	43.4	43.0	42.2	8.09	8.01	7.52
Pulp, Paper and Paperboard	422.27	425.95	387.17	45.7	45.9	44.4	9.24	9.28	8.72
Misc. Converted Paper and Paperboard Products, Containers and Boxes	274.72	260.29	248.00	40.7	39.8	40.0	6.75	6.54	6.20
Printing and Publishing	319.42	313.05	276.43	38.3	37.9	38.5	8.34	8.26	7.18
Newspapers and Periodicals	254.77	252.56	255.22	33.7	32.8	35.3	7.56	7.70	7.23
Chemical and Allied Products	325.85	357.84	315.65	38.2	42.0	41.1	8.53	8.52	7.68
Plastic Materials and Synthetics	374.05	375.58	316.71	41.7	42.2	40.5	8.97	8.90	7.82
Agricultural Chemicals	242.80	252.28	202.00	40.4	41.7	40.0	6.01	6.05	5.05
Leather and Leather Products	148.93	134.50	138.30	37.8	34.4	38.1	3.94	3.91	3.63

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
MANUFACTURING	1) $237.78	1) $234.84	$200.51	38.6	37.1	37.2	1) $6.16	1) $6.33	$5.39
Durable Goods	1) 304.78	1) 309.78	237.74	40.8	40.6	38.1	1) 7.47	1) 7.63	6.24
Fabricated Metal Products	1) 401.98	1) 396.00	315.62	39.8	38.9	39.7	1) 10.10	1) 10.18	7.95
Machinery and Transportation Equipment	280.21	281.65	216.75	42.2	42.1	36.8	6.64	6.69	5.89
Nondurable Goods	173.85	161.76	161.25	36.6	33.7	36.4	4.75	4.80	4.43
Food and Kindred Products	179.95	183.02	187.60	32.6	32.8	35.0	5.52	5.58	5.36
Apparel and Other Textile Products	157.41	135.26	136.35	37.3	31.9	35.6	4.22	4.24	3.38

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,900 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
MANUFACTURING	$263.20	$263.06	$231.08	40.0	40.1	39.1	$6.58	$6.56	$5.91
Durable Goods	273.92	273.82	241.68	39.3	39.8	38.0	6.97	6.88	6.36
Lumber and Wood Products and Furniture and Fixtures	166.50	170.66	162.75	35.2	36.7	37.5	4.73	4.65	4.34
Nondurable Goods	246.02	247.66	214.77	40.8	40.6	40.6	6.03	6.10	5.29
Food and Kindred Products	1) 260.29	1) 261.58	252.88	1) 39.8	1) 41.0	43.6	1) 6.54	1) 6.38	5.80
Textile Mill Products	225.43	210.92	205.09	40.4	37.8	39.9	5.58	5.58	5.14
Apparel and Other Textile Products	150.88	151.62	135.20	38.1	38.0	35.3	3.96	3.99	3.83
Paper and Allied Products	383.30	411.26	408.80	50.5	54.4	58.4	7.59	7.56	7.00

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
MANUFACTURING	$282.90	$275.32	$257.81	41.3	39.5	39.3	$6.85	$6.97	$6.56
Durable Goods	302.02	295.07	273.34	42.3	40.2	39.5	7.14	7.34	6.92
Lumber and Wood Products	238.77	235.94	181.05	43.1	40.4	35.5	5.54	5.84	5.10
Stone, Clay, and Glass Products	267.39	257.67	225.59	41.2	40.9	38.3	6.49	6.30	5.89
Fabricated Metal Products	231.38	218.52	208.83	40.1	37.1	38.6	5.77	5.89	5.41
Machinery, except Electrical	235.41	235.84	215.56	39.3	38.1	38.7	5.99	6.19	5.57
Transportation Equipment	386.23	368.51	344.02	45.6	42.9	41.2	8.47	8.59	8.35
Nondurable Goods	248.29	238.37	230.69	39.6	38.2	39.1	6.27	6.24	5.90
Food and Kindred Products	241.57	224.20	215.67	40.6	38.0	39.0	5.95	5.90	5.53
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	242.65	250.51	223.00	39.2	40.8	39.4	6.19	6.14	5.66

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,300 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
MANUFACTURING	$297.88	$286.77	$271.96	40.2	39.5	39.3	$7.41	$7.26	$6.92
Durable Goods	279.89	275.13	261.62	40.8	40.7	39.7	6.86	6.76	6.59
Stone, Clay, and Glass Products	242.14	211.58	228.33	36.8	35.8	39.3	6.58	5.91	5.81
Fabricated Metal Products	318.86	306.45	283.73	43.5	42.8	41.3	7.33	7.16	6.87
Electric and Electronic Equipment	1) 288.74	1) 293.86	283.03	42.4	42.9	40.9	1) 6.81	1) 6.85	6.92
Nondurable Goods	323.05	302.35	287.21	39.3	37.7	38.5	8.22	8.02	7.46
Food and Kindred Products	313.58	302.73	321.93	40.1	41.3	44.1	7.82	7.33	7.30

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
MANUFACTURING	$256.82	$323.60	$303.28	32.8	40.0	39.8	$7.83	$8.09	$7.62
Durable Goods	1) 200.10	1) 203.62	169.18	1) 40.1	1) 40.4	37.1	1) 4.99	1) 5.04	4.56
Lumber and Wood Products and Furniture and Fixtures	1) 234.07	1) 229.60	121.52	1) 44.5	1) 43.9	31.0	1) 5.26	1) 5.23	3.92
Nondurable Goods	273.87	363.09	343.48	30.6	39.9	40.6	8.95	9.10	8.46
Food & Kindred Products	221.09	225.81	210.43	39.2	38.6	38.4	5.64	5.85	5.48
Chemicals & Allied Products	173.73	401.40	414.20	17.8	41.9	44.3	9.76	9.58	9.35

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,900 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
MANUFACTURING	$358.69	$355.66	$306.93	40.9	40.6	39.4	$ 8.77	$ 8.76	$7.79
Durable Goods	314.77	316.68	287.62	41.2	40.6	39.4	7.64	7.80	7.30
Lumber and Wood Products	201.72	201.48	188.02	41.0	41.8	39.5	4.92	4.82	4.76
Furniture and Fixtures	198.81	187.98	167.63	42.3	38.6	36.6	4.70	4.87	4.58
Primary Metal Industries	472.88	469.85	462.67	41.7	40.4	42.8	11.34	11.63	10.81
Fabricated Metal Products	355.03	385.97	324.11	39.1	40.8	37.6	9.08	9.46	8.62
Fabricated Structural Metal Products	390.45	427.35	342.78	39.4	40.7	36.7	9.91	10.50	9.34
Nondurable Goods	376.58	371.90	314.81	40.8	40.6	39.4	9.23	9.16	7.99
Food and Kindred Products	256.89	244.22	222.91	41.3	39.2	38.3	6.22	6.23	5.82
Tobacco Manufactures	455.52	459.36	383.55	38.9	39.6	38.9	11.71	11.60	9.86
Cigarettes	465.29	468.46	389.44	39.1	39.7	39.1	11.90	11.80	9.96
Apparel and Other Textile Products	194.21	186.26	160.45	40.8	39.8	36.8	4.76	4.68	4.36
Paper and Allied Products	322.83	296.02	281.18	42.2	41.0	40.4	7.65	7.22	6.96
Printing and Publishing	362.21	352.80	327.52	39.2	38.6	39.7	9.24	9.14	8.25
Chemicals and Allied Products	429.66	436.15	336.76	43.4	44.1	39.9	9.90	9.89	8.44

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
MANUFACTURING	$245.69	$243.49	$223.57	39.5	39.4	39.5	$6.22	$6.18	$5.66
Durable Goods	246.93	250.62	225.32	39.7	4.01	39.6	6.22	6.25	5.69
Fabricated Metal Products	241.76	236.12	210.41	40.7	40.5	39.7	5.94	5.83	5.30
Fabricated Structural Metal Products	249.28	236.19	212.26	41.0	40.1	39.6	6.08	5.89	5.36
Nondurable Goods	244.22	233.25	221.82	39.2	38.3	39.4	6.23	6.09	5.63
Food and Kindred Products	259.01	260.15	236.18	42.6	44.7	43.9	6.08	5.82	5.38
Textile Mill Products	180.36	162.72	176.47	36.0	33.9	38.7	5.01	4.80	4.56

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980
Virginia	$264.80	$263.46	$238.07	$208.20	$207.27	$190.90	1)$227.56	$226.55	$208.65
Bristol Area	1) 237.78	1) 234.84	200.51	1) 189.46	1)187.42	163.86	225.20	1)204.98	179.72
Lynchburg SMSA	263.20	263.06	231.08	207.09	206.99	186.02	226.35	226.25	203.35
Norfolk-Virginia Beach-Portsmouth SMSA	282.90	275.32	257.81	220.43	215.33	204.69	241.19	235.49	223.63
Northern Virginia Area	297.88	286.77	271.96	230.52	223.04	214.48	252.48	244.11	234.37
Petersburg-Colonial Heights-Hopewell SMSA	256.82	323.60	303.28	202.66	247.21	235.74	221.54	271.33	258.13
Richmond SMSA	358.69	355.66	306.93	269.44	267.52	254.24	296.72	294.53	260.87
Roanoke SMSA	245.69	243.49	223.57	194.95	193.42	180.67	213.16	211.50	197.65

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

1/ Not comparable with data for prior years.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	May 1981 2/	April 1981	May 1980	April 1980
NONAGRICULTURAL	2,123.9	2,129.6	2,111.4	2,114.4
MANUFACTURING	412.0	412.8	412.0	417.2
Durable Goods	188.5	189.4	186.5	188.9
Lumber & Wood Products	24.0	23.9	22.7	23.5
Furniture and Fixtures	26.4	26.4	26.1	27.1
Stone, Clay and Glass Products	12.4	12.6	12.5	13.1
Primary Metal Industries	11.8	11.8	12.6	12.8
Fabricated Metal Products	20.5	20.6	20.6	21.2
Machinery, except Electrical	14.4	14.6	15.0	15.0
Electric and Electronic Equipment	33.7	33.8	33.5	33.6
Transportation Equipment	37.4	38.1	35.8	34.7
Instruments and Related Products	4.1	4.0	3.9	4.0
Nondurable Goods	223.3	222.6	225.3	227.5
Food and Kindred Products	42.0	41.4	42.4	42.8
Tobacco Manufactures	17.0	17.0	16.5	16.2
Textile Mill Products	45.0	45.3	45.2	45.8
Apparel and Other Textile Products	34.0	34.0	35.1	35.8
Paper and Allied Products	14.3	14.4	14.6	14.8
Printing and Publishing	22.3	22.3	22.1	22.2
Chemicals and Allied Products	33.0	33.1	33.5	34.0
Leather and Leather Products	3.4	3.5	3.5	3.5
MINING	13.1	13.7	23.0	24.3
Bituminous Coal and Lignite Mining	10.2	10.8	19.6	20.8
CONTRACT CONSTRUCTION	113.1	115.1	121.8	123.6
TRANSPORTATION & PUBLIC UTILITIES	114.1	114.6	114.6	115.7
Railroad Transportation	11.4	12.8	14.2	13.9
Trucking and Warehousing	29.3	29.2	29.6	29.6
Transportation by Air	11.1	11.2	11.1	11.1
Communication	29.7	28.7	28.0	28.0
Electric, Gas and Sanitary Services	17.4	17.2	16.5	16.1
WHOLESALE AND RETAIL TRADE	455.9	456.6	442.3	441.7
Wholesale Trade	105.3	105.5	103.9	103.6
Retail Trade	350.9	351.3	338.7	338.3
General Merchandise Stores	57.8	57.8	56.4	56.5
Food Stores	55.7	56.1	53.5	53.6
FINANCE, INSURANCE & REAL ESTATE	107.5	108.5	105.3	105.6
Banking	31.2	31.3	31.2	31.2
Insurance Carriers	20.2	20.2	20.0	19.8
SERVICES	397.0	397.5	383.5	382.1
Personal Services	24.9	24.6	24.6	23.9
Business Services	77.0	77.7	75.0	75.2
GOVERNMENT	512.9	513.3	510.0	506.8
Federal Government	154.5	155.4	160.9	160.0
State and Local Government	359.2	358.7	349.8	348.0
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.5	40.1	38.7	38.4
Durable Goods	39.8	41.0	38.4	39.7
Lumber and Wood Products	38.3	39.4	36.6	37.3
Furniture and Fixtures	38.6	39.8	36.5	37.9
Household & Office Furniture	38.3	39.8	36.3	37.7
Stone, Clay & Glass Products	39.4	40.6	38.4	41.1
Primary Metal Industries	40.5	44.0	36.5	35.3
Fabricated Metal Products	41.2	42.2	40.2	41.5
Fabricated Structural Metal Products	42.9	43.8	41.7	43.0
Machinery, except Electrical	40.1	40.0	39.1	40.5
Electric and Electronic Equipment	40.7	40.3	39.5	39.7
Instruments & Related Products	40.1	40.5	40.0	39.4
Miscellaneous Manufacturing Industries	38.2	36.2	37.3	36.6
Nondurable Goods	39.2	39.2	39.0	39.4
Food & Kindred Products	39.5	38.5	38.2	37.5
Tobacco Manufactures	40.5	41.2	40.1	39.3
Cigarettes	41.7	41.8	40.6	39.5
Textile Mill Products	40.2	39.5	39.7	42.0
Weaving Mills, Cotton, Synthetics and Wool	41.2	42.6	42.2	43.2
Knitting Mills	38.7	35.7	37.0	37.9
Apparel & Other Textile Products	36.1	36.2	36.1	36.5
Men's and Boys' Suits, Coats and Furnishings	33.5	36.5	34.7	36.6
Women's and Children's Outerwear & Undergarments	36.6	35.9	36.4	36.6
Paper & Allied Products	43.6	43.3	42.4	41.8
Pulp, Paper and Paperboard	45.3	45.1	44.0	43.1
Printing and Publishing	39.0	38.9	39.2	38.8
Newspapers and Periodicals	33.6	32.9	35.2	35.4
Chemicals & Allied Products	37.8	40.5	40.7	41.1
Plastics Materials & Synthetics	41.4	40.8	40.2	41.3
Agricultural Chemicals	39.3	38.0	38.9	38.3
Leather & Leather Products	37.2	35.0	37.5	41.0

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1972 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.[illegible]	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2.044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.8	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	410.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	513.8
March	2,154.7	413.3	25.3	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	513.3
May	2,123.9	412.0	13.1	113.1	114.1	455.9	107.5	397.0	512.9
June									
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

UNION HOURLY WAGE RATES IN THE BUILDING TRADES IN CITIES OF 100,000 INHABITANTS OR MORE

April 1980 and 1981 UNION WAGE RATES 1/

TRADE OR OCCUPATION	HOURLY AVERAGE United States		BASIC RATE Norfolk		BASIC RATE Richmond	
	1981	1980	1981	1980	1981	1980
Bricklayers	$13.05	$11.93	$11.38	$10.48	$12.00	$11.00
Carpenters	12.99	11.72	10.45	9.40	10.45	9.40
Electricians	14.08	12.83	11.55	11.05	12.35	11.65
Painters	12.57	11.51	9.65	8.75	9.60	8.80
Plasterers	12.65	11.49	11.66	10.86	11.25	10.30
Plumbers	13.68	12.44	11.05	10.45	12.40	11.95
Building Laborers	10.18	9.20	6.70	6.10	6.70	6.10

1/ These rates represent the minimum wage rates (excluding holiday and vacation payments regularly made or credited to the worker each pay period) agreed upon through collective bargaining between employers and trade unions.

Source: U. S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

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VOLUME 31
NUMBER 7

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

July 1981

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Explanatory Notes

NONAGRICULTURAL EMPLOYMENT AT 2,162,000
AN ALL-TIME HIGH

WITH THE ADDITION OF 30,800 PERSONS TO NONFARM PAYROLLS ACROSS VIRGINIA IN JUNE 1981, AN ALL-TIME HIGH OF 2,162,000 WORKERS WAS REACHED. Over-the-month increases were made in all major segments of the economy. Major factors contributing to the uptrend were seasonal hirings that were tourist-related and the settlement of the coal miners' labor dispute. Employment was well above year-ago levels in manufacturing, trade, finance, services and government. However, totals in mining, construction and transportation still lag under 1980 levels. Despite softness in some segments of the economy, the 1.4 percent over-the-month increase was significant. The nation as a whole recorded a 0.6 percent increase for the same period.

WITH THE ADVENT OF WARM WEATHER TOURIST-RELATED BUSINESSES PREPARED FOR THE SEASON. Many trade and service establishments cater to visitors in the beach, mountain and historic areas of the state and payrolls in these divisions swelled 13,600 over May. While economic uncertainty hampers vacation planning, theme parks and amusement centers are expecting at least a modest increase in attendance over last summer. Hotels and motels are anticipating more people but the duration of their stays will probably be shorter. Latest highway figures show traffic to be above 1980 on most of the state's major highways. Restaurants account for much of trade's increase. Father's Day Promotions and generally good shopping weather were given as the prime causes of retail sales to rise in June. Last year tight consumer credit controls were in effect and limited charge purchases. Although consumer confidence appears to be rising, high interest rates continue to discourage spending for big ticket items.

CONSTRUCTION EMPLOYMENT MOVED UPWARD BY 3,100 WORKERS BETWEEN MID-MAY AND MID-JUNE. While this pickup exceeds the increase during the same period last year, it does not compare favorably with prior years. Worker totals in the construction industry remain well below 1980 figures. Decreased revenues prevented highway construction from accelerating and home building continued to remain troublesome. Increased costs of building materials and labor, coupled with expensive mortgage money, makes both builders and buyers cautious. The financial scene was enhanced in June with an increase in personnel, much of which was in the real estate segment. June has traditionally been a period of increased activity for realtors since many families move when schools close for the summer. Trucking firms noted pickups which could partially be attributed to movings.

THE TRANSPORTATION AND PUBLIC UTILITIES AND THE MINING INDUSTRIES RECORDED GAINS. In addition to the increase in trucking and warehousing, utility companies and communication firms expanded employment. Coal miners returned to work early in the month after a settlement of labor differences. Most of Virginia's mines were operating during the survey week even though mining construction workers did not ratify their contract until later in the month. However, railroad workers who were released as a secondary effect of the strike had not been recalled at that time as enough coal had not been mined to warrant returning to work.

NONAGRICULTURAL EMPLOYMENT AT 2,162,000 AN ALL-TIME HIGH

(continued from page 1)

DURING JUNE MANUFACTURING EMPLOYMENT MOVED UPWARD BY 900 AND AT 409,600 WAS THE HIGHEST IT HAS BEEN SINCE DECEMBER 1980. Nondurable goods producers recorded almost 90 percent of the uptrend. The brightest spot was the apparel sector, as producers of both men's and boys' clothing, as well as women's and children's clothes added to their staffs. In the durable goods division, electric and electronic equipment was the standout. Gains recorded here were dimmed by layoffs experienced by firms that are related to the depressed automobile and housing industries. Continuing high interest rates reflect reluctance to build up inventories and lack of orders for hardgoods demonstrates a weakness in manufacturing. The 312,900 factory production workers in the Commonwealth earned $269.60 in June 1981 - an increase of $5.86 over the month and $29.53 over the year. Hourly earnings at $6.74 were eight cents more than May and sixty cents higher than a year ago. The average workweek at 40.0 hours was four-tenths longer than May and nine-tenths longer than June 1980. More overtime and scattered wage hikes account for the uptrend in hours and earnings. Earnings rose in all of the SMSA's except Norfolk and Bristol. Shorter workweeks were recorded by all areas except Petersburg and Lynchburg.

THE BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMER PRICE INDEX (U. S. City Average) rose 0.9 percent in June to 271.3. The index was up 9.6 percent over the year. The Urban Wage Earners and Clerical Workers Index, at 271.4 (1967=100), was up 0.9 percent over the month and 9.5 percent over the year.

THE PRODUCERS PRICE INDEX FOR ALL COMMODITIES was 294.5 (1967=100) in June 1981. The monthly increase was 0.3 percent. The index for finished goods rose 0.4 percent from May to 269.9 in June. The yearly gain was 10.2 percent.

Table B-1.

LABOR FORCE ESTIMATES[1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed [2]			Unemployed			Per Cent of Labor Force		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	Apr. 1981	May 1980
United States	106,347,000	105,678,000	104,028,000	98,803,000	98,282,000	96,709,000	7,545,000	7,396,000	7,318,000	7.1	7.0	7.0
Virginia	2,559,900	2,554,400	2,536,500	2,421,700	2,422,800	2,413,600	138,200	131,600	122,900	5.4	5.2	4.8
Bristol Area	39,430	39,460	39,380	37,030	36,960	36,820	2,400	2,500	2,560	6.1	6.3	6.5
Lynchburg SMSA	76,680	76,900	76,950	72,640	73,180	73,540	4,040	3,720	3,410	5.3	4.8	4.4
Newport News-Hampton SMSA	173,350	171,900	165,840	163,740	163,430	157,390	9,610	8,470	8,450	5.5	4.9	5.1
Norfolk-Virginia Beach-Portsmouth SMSA	333,850	333,720	327,620	314,310	312,260	309,440	19,540	18,460	18,180	5.9	5.6	5.5
Northern Virginia Area	578,800	578,800	564,600	559,300	560,900	546,900	19,500	17,900	17,700	3.4	3.1	3.1
Petersburg-Colonial Heights-Hopewell SMSA	59,600	59,300	61,770	55,520	55,650	58,060	4,080	3,650	3,710	6.8	6.2	6.0
Richmond SMSA	335,950	336,520	331,320	323,370	324,990	320,020	12,580	11,530	11,300	3.7	3.4	3.4
Roanoke SMSA	110,030	110,540	111,210	104,380	105,110	106,580	5,650	5,430	4,630	5.1	4.9	4.2

[1] **All data adjusted to a place-of-residence basis**

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL 1/	2,162.0	2,131.2	2,132.7	30.8	29.3
MANUFACTURING	409.6	408.7	405.8	.9	3.8
Durable Goods	188.3	188.2	183.1	.1	5.2
Lumber and Wood Products	24.2	24.3	23.1	- .1	1.1
Millwork, Plywood and Structural Members	6.5	6.5	6.3	0	.2
Wood Containers	1.9	2.0	1.8	- .1	.1
Wood Buildings and Mobile Homes	3.1	3.2	3.2	- .1	- .1
Miscellaneous Wood Products	2.1	2.1	2.0	0	.1
Furniture and Fixtures	26.1	26.2	25.6	- .1	.5
Household and Office Furniture	24.5	24.8	24.0	- .3	.5
Stone, Clay and Glass Products	12.7	12.6	12.5	.1	.2
Structural Clay Products	.9	.9	.9	0	0
Concrete Gypsum and Plaster Products	7.3	7.2	7.2	.1	.1
Glass and Glass Products	1.7	1.7	1.7	0	0
Primary Metal Industries	11.6	11.7	12.2	- .1	- .6
Fabricated Metal Products	20.8	20.6	20.4	.2	.4
Fabricated Structural Metal Products	12.9	12.9	12.9	0	0
Machinery, except Electrical	14.2	14.5	15.0	- .3	- .8
Construction and Related Machinery	4.1	4.2	4.6	- .1	- .5
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.0	2.0	1.9	0	.1
Electric and Electronic Equipment	34.1	33.6	32.4	.5	1.7
Communication Equipment	11.8	11.5	10.9	.3	.9
Electronic Components and Accessories	5.5	5.5	5.3	0	.2
Transportation Equipment	37.0	37.1	34.4	- .1	2.6
Instruments and Related Products	4.1	4.1	4.0	0	.1
Miscellaneous Manufacturing Industries	3.5	3.5	3.5	0	0
Nondurable Goods	221.3	220.5	222.7	.8	- 1.4
Food and Kindred Products	40.2	40.5	41.4	- .3	- 1.2
Meat Products	13.3	13.1	13.7	.2	- .4
Dairy Products	3.0	2.9	2.6	.1	.4
Preserved Fruits and Vegetables	1.8	2.4	3.3	- .6	- 1.5
Bakery Products	4.9	5.0	4.9	- .1	0
Beverages	5.7	5.7	5.7	0	0
Tobacco Manufactures	16.1	16.1	15.8	0	.3
Cigarettes	14.0	14.0	13.8	0	.2
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	1.7	1.7	1.6	0	.1
Textile Mill Products	44.8	44.8	44.4	0	.4
Weaving Mills, Cotton, Synthetics and Wool	18.9	18.8	18.8	.1	.1
Narrow Fabric Mills	1.0	1.1	1.2	- .1	- .2
Knitting Mills	14.0	14.1	13.5	- .1	.5
Textile Finishing, except Wool	4.9	4.8	5.0	.1	- .1
Yarn and Thread Mills	3.2	3.2	3.1	0	.1
Miscellaneous Textile Goods	1.2	1.2	1.3	0	- .1
Apparel and Other Textile Products	34.5	33.9	34.9	.6	- .4
Men's and Boys' Suits, Coats and Furnishings	12.7	12.4	13.5	.3	- .8
Women's and Children's Outerwear & Undergarments	18.1	17.7	17.5	.4	.6
Miscellaneous Fabricated Textile Products	1.8	1.8	1.7	0	.1
Paper and Allied Products	14.4	14.3	14.7	.1	- .3
Pulp, Paper and Paperboard	7.7	7.6	7.7	.1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.0	5.9	6.2	.1	- .2
Miscellaneous Converted Paper Products	2.4	2.3	2.5	.1	- .1
Paperboard Containers and Boxes	3.6	3.6	3.7	0	- .1
Printing and Publishing	22.1	22.1	22.1	0	0
Newspapers and Periodicals	8.3	8.3	8.5	0	- .2
Commercial Printing	8.3	8.2	8.4	.1	- .1
Chemicals and Allied Products	33.2	33.1	33.4	.1	- .2
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	19.6	19.5	19.9	.1	- .3
Drugs	2.8	2.8	2.7	0	.1
Agricultural Chemicals	1.6	1.6	1.7	0	- .1
Miscellaneous Chemical Products	3.5	3.5	3.3	0	.2
Petroleum, Rubber and Misc. Plastics Products	12.4	12.2	12.3	.2	.1
Miscellaneous Plastics Products	5.9	5.8	5.6	.1	.3
Rubber and Rubber Products	6.1	6.0	6.4	.1	- .3
Leather and Leather Products	3.6	3.5	3.7	.1	- .1

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
(Continued from page 4)					
NONMANUFACTURING	1,752.4	1,722.5	1,726.9	29.9	25.5
Mining	23.5	13.5	24.2	10.0	- .7
Bituminous Coal and Lignite Mining	20.6	10.6	20.8	10.0	- .2
Construction	119.0	115.9	127.5	3.1	- 8.5
Transportation and Public Utilities	115.2	114.5	115.6	.7	- .4
Railroad Transportation	11.3	11.3	14.3	0	- 3.0
Trucking and Warehousing	29.5	28.8	30.0	.7	- .5
Transportation by Air	11.1	11.1	11.1	0	0
Communication	30.2	29.7	29.0	.5	1.2
Electric, Gas and Sanitary Services	17.6	17.4	16.5	.2	1.1
Wholesale and Retail Trade	461.3	455.7	446.3	5.6	15.0
Wholesale	105.9	105.1	103.9	.8	2.0
Wholesale Trade Durable Goods	63.9	63.7	63.8	.2	.1
Wholesale Trade Nondurable Goods	42.0	41.4	40.1	.6	1.9
Retail	355.4	350.6	342.4	4.8	13.0
General Merchandise Stores	56.0	55.8	54.3	.2	1.7
Department Stores	40.9	40.9	40.1	0	.8
Variety Stores	9.3	9.2	8.8	.1	.5
Food Stores	56.9	56.1	54.2	.8	2.7
Automotive Dealers and Service Stations	46.5	46.7	46.9	- .2	- .4
Furniture and Home Furnishings Stores	15.3	15.1	15.2	.2	.1
Miscellaneous Retail	43.6	43.6	42.9	0	.7
Finance, Insurance and Real Estate	109.0	107.5	106.2	1.5	2.8
Banking	31.2	31.0	31.0	.2	.2
Insurance Carriers	20.3	20.2	20.1	.1	.2
Real Estate	25.3	24.1	23.6	1.2	1.7
Services	408.0	400.0	391.7	8.0	16.3
Personal Services	24.8	24.9	24.7	- .1	.1
Business Services	78.8	77.1	76.2	1.7	2.6
Auto and Miscellaneous Repair Service	18.8	18.7	18.4	.1	.4
Health Services	105.0	104.0	101.2	1.0	3.8
Government	516.4	515.4	515.4	1.0	1.0
Federal Government	158.0	156.3	161.1	1.7	- 3.1
State and Local Government	358.4	359.1	354.3	- .7	4.1
State Government	118.6	119.3	118.6	- .7	0
Local Government	239.8	239.8	235.7	0	4.1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	96.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,162.0	409.6	23.5	119.0	115.2	461.3	109.0	408.0	516.4
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the countires of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL 1/	915.9	906.9	892.1	9.0	23.8
MANUFACTURING	144.8	144.1	143.8	.7	1.0
Durable Goods	45.4	45.4	43.7	0	1.7
Lumber and Wood Products	4.2	4.2	4.1	0	.1
Furniture and Fixtures	8.9	9.0	8.6	- .1	.3
Stone, Clay and Glass Products	1.4	1.3	1.4	.1	0
Primary Metal Industries	2.0	2.0	1.9	0	.1
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.3	2.4	2.4	- .1	- .1
Electric and Electronic Equipment	15.3	15.2	14.5	.1	.8
Transportation Equipment	5.0	5.0	4.6	0	.4
Instruments and Related Products	1.6	1.6	1.6	0	0
Miscellaneous Manufacturing Industries	1.1	1.1	1.2	0	- .1
Nondurable Goods	99.4	98.7	100.1	.7	- .7
Food and Kindred Products	14.1	14.0	14.9	.1	- .8
Tobacco Manufactures	5.4	5.4	5.3	0	.1
Textile Mill Products	24.7	24.7	24.2	0	.5
Apparel and Other Textile Products	31.0	30.4	31.3	.6	- .3
Paper and Allied Products	2.4	2.4	2.5	0	- .1
Printing and Publishing	7.7	7.8	7.8	- .1	- .1
Chemicals and Allied Products	8.5	8.5	8.6	0	- .1
Petroleum, Rubber and Misc. Plastics Products	2.9	2.8	2.7	.1	.2
Leather and Leather Products	2.7	2.7	2.8	0	- .1
NONMANUFACTURING	771.1	762.8	748.3	8.3	22.8
Mining	.6	.5	.6	.1	0
Construction	7.7	7.7	7.8	0	- .1
Transportation and Public Utilities	29.0	28.5	28.4	.5	.6
Wholesale and Retail Trade	191.8	188.9	184.2	2.9	7.6
Wholesale Trade	20.5	20.5	20.6	0	- .1
Retail Trade	171.3	168.4	163.6	2.9	7.7
Finance, Insurance and Real Estate	62.7	61.8	60.4	.9	2.3
Services	225.5	221.6	216.6	3.9	8.9
Government	253.8	253.8	250.3	0	3.5
Federal Government	56.9	56.3	57.4	.6	- .5
State and Local Government	196.9	197.5	192.9	- .6	4.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
MANUFACTURING	312.9	312.5	310.3	.4	2.6
Durable Goods	142.0	142.1	137.3	- .1	4.7
Lumber and Wood Products	20.6	20.8	19.6	- .2	1.0
Millwork, Plywood and Structural Members	5.3	5.4	5.3	- .1	0
Wood Containers	1.7	1.7	1.7	0	0
Wood Buildings and Mobile Homes	2.3	2.4	2.3	- .1	0
Miscellaneous Wood Products	1.9	1.8	1.8	.1	.1
Furniture and Fixtures	22.0	22.0	21.3	0	.7
Household and Office Furniture	20.8	20.9	20.2	- .1	.6
Stone, Clay and Glass Products	10.0	9.9	9.8	.1	.2
Structural Clay Products	.7	.8	.7	- .1	0
Concrete Gypsum and Plaster Products	5.8	5.8	5.7	0	.1
Glass and Glass Products	1.3	1.3	1.4	0	- .1
Primary Metal Industries	6.2	6.2	6.7	0	- .5
Fabricated Metal Products	13.6	13.4	13.2	.2	.4
Fabricated Structural Metal Products	7.5	7.5	7.5	0	0
Machinery, except Electrical	9.8	10.0	10.5	- .2	- .7
Construction and Related Machinery	2.4	2.5	2.8	- .1	- .4
Special Industry Machinery	1.5	1.5	1.5	0	0
Refrigeration and Service Machinery	1.3	1.3	1.2	0	.1
Electric and Electronic Equipment	22.9	22.7	21.8	.2	1.1
Communication Equipment	7.3	7.2	6.7	.1	.6
Electronic Components and Accessories	3.5	3.5	3.4	0	.1
Transportation Equipment	31.7	31.9	29.3	- .2	2.4
Instruments and Related Products	2.5	2.5	2.4	0	.1
Miscellaneous Manufacturing Industries	2.7	2.7	2.7	0	0
Nondurable Goods	170.9	170.4	173.0	.5	- 2.1
Food and Kindred Products	29.1	29.2	30.0	- .1	- .9
Meat Products	11.5	11.3	11.8	.2	- .3
Dairy Products	1.5	1.5	1.3	0	.2
Preserved Fruits and Vegetables	1.2	1.8	2.6	- .6	- 1.4
Bakery Products	2.5	2.5	2.4	0	.4
Beverages	2.4	2.3	2.3	.1	.1
Tobacco Manufactures	11.6	11.7	11.5	- .1	.1
Cigarettes	10.3	10.3	10.2	0	.1
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.0	1.1	1.0	- .1	0
Textile Mill Products	40.1	40.1	39.8	0	.3
Weaving Mills, Cotton, Synthetics and Wool	16.5	16.5	16.4	0	.1
Narrow Fabric Mills	1.0	1.0	1.1	0	- .1
Knitting Mills	12.9	13.0	12.4	- .1	.5
Textile Finishing, except Wool	4.5	4.4	4.6	.1	- .1
Yarn and Thread Mills	2.8	2.9	2.8	- .1	0
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	31.3	30.7	32.0	.6	- .7
Men's and Boys' Suits, Coats and Furnishings	11.5	11.3	12.5	.2	- 1.0
Women's and Children's Outerwear & Undergarments	16.7	16.3	16.2	.4	.5
Miscellaneous Fabricated Textile Products	1.4	1.4	1.3	0	.1
Paper and Allied Products	10.7	10.7	11.2	0	- .5
Pulp, Paper and Paperboard	5.4	5.3	5.5	.1	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	4.9	4.9	5.1	0	- .2
Miscellaneous Converted Paper Products	2.0	2.0	2.2	0	- .2
Paperboard Containers and Boxes	2.9	2.9	2.9	0	0
Printing and Publishing	13.0	13.1	13.0	- .1	0
Newspapers and Periodicals	2.9	3.0	2.9	- .1	0
Commercial Printing	6.3	6.3	6.5	0	- .2
Chemicals and Allied Products	22.4	22.5	22.8	- .1	- .4
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.4	14.3	14.4	.1	0
Drugs	1.3	1.3	1.3	0	0
Agricultural Chemicals	.9	.9	1.0	0	- .1
Miscellaneous Chemical Products	2.4	2.4	2.2	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.4	9.2	9.3	.2	.1
Miscellaneous Plastics Products	4.4	4.3	4.1	.1	.3
Rubber and Rubber Products	4.8	4.7	5.0	.1	- .2
Leather and Leather Products	3.3	3.2	3.4	.1	- .1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	29.3	29.2	28.6	.1	.7
MANUFACTURING	9.7	9.6	9.3	.1	.4
Durable Goods	4.7	4.6	4.6	.1	.1
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	- .1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.2	2.2	2.1	0	.1
Other Durable Goods 1/	2.0	1.9	1.9	.1	.1
Nondurable Goods	5.0	5.0	4.7	0	.3
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.9	0	.2
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.5	0	0
NONMANUFACTURING	19.6	19.6	19.3	0	.3
Construction	1.5	1.5	1.4	0	.1
Transportation & Public Utilities	1.3	1.2	1.2	.1	.1
Trade	6.8	6.8	6.6	0	.2
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.1	5.1	4.9	0	.2
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.7	3.7	.1	.1
Government	5.2	5.4	5.4	- .2	- .2
State and Local Government	4.8	5.1	5.0	- .3	- .2

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	71.0	71.4	72.1	- .4	- 1.1
MANUFACTURING	29.0	29.0	29.1	0	- .1
Durable Goods	18.2	18.3	18.6	- .1	- .4
Lumber and Wood Products and Furniture and Fixtures	4.0	4.1	4.1	- .1	- .1
Other Durable Goods 1/	14.2	14.2	14.5	0	- .3
Nondurable Goods	10.8	10.7	10.5	.1	.3
Food and Kindred Products	1.8	1.8	1.4	0	.4
Textile Mill Products	1.8	1.8	1.8	0	0
Apparel & Other Textile Products	2.5	2.5	2.6	0	- .1
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.6	3.5	3.7	.1	- .1
NONMANUFACTURING	42.0	42.4	43.0	- .4	- 1.0
Construction	3.4	3.5	3.7	- .1	- .3
Transportation and Public Utilities	2.7	2.7	2.8	0	- .1
Wholesale and Retail Trade	11.3	11.3	11.8	0	- .5
Wholesale Trade	2.1	2.1	2.2	0	- .1
Retail Trade	9.2	9.2	9.6	0	- .4
Finance, Insurance and Real Estate	3.7	3.6	3.7	.1	0
Services and Mining	10.5	10.8	10.7	- .3	- .2
Government	10.4	10.5	10.3	- .1	.1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	160.3	157.8	155.1	2.5	5.2
MANUFACTURING	35.6	35.4	34.2	.2	1.4
Durable Goods	28.9	28.7	27.8	.2	1.1
Stone, Clay & Glass Products	.6	.6	.6	0	0
Transportation Equipment	24.8	24.6	23.4	.2	1.4
Other Durable Goods 1/	3.5	3.5	3.8	0	- .3
Nondurable Goods	6.7	6.7	6.4	0	.3
Food & Kindred Products	3.0	3.0	2.9	0	.1
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.6	0	0
Printing and Publishing	1.1	1.1	1.1	0	0
Other Nondurable Goods 2/	2.0	2.0	1.8	0	.2
NONMANUFACTURING	124.7	122.4	120.9	2.3	3.8
Construction	7.4	7.1	7.6	.3	- .2
Transportation and Public Utilities	5.2	5.2	5.2	0	0
Wholesale and Retail Trade	30.2	29.7	29.0	.5	1.2
Wholesale Trade	3.4	3.3	3.4	.1	0
Retail Trade	26.8	26.4	25.6	.4	1.2
Finance, Insurance and Real Estate	5.4	5.2	5.2	.2	.2
Services and Mining	32.9	32.1	30.0	.8	2.9
Government	43.6	43.1	43.9	.5	- .3
Federal Government	17.4	17.1	17.4	.3	0
State and Local Government	26.2	26.0	26.5	.2	- .3

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	292.5	290.3	285.1	2.2	7.4
MANUFACTURING	28.8	29.1	27.6	- .3	1.2
Durable Goods	17.3	17.6	16.0	- .3	1.3
Lumber & Wood Products	1.6	1.6	1.7	0	- .1
Stone, Clay and Glass Products	2.0	1.9	1.7	.1	.3
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.2	7.5	5.9	- .3	1.3
Other Durable Goods 1/	4.2	4.3	4.4	- .1	- .2
Nondurable Goods	11.5	11.5	11.6	0	- .1
Food and Kindred Products	5.7	5.6	5.4	.1	.3
Apparel & Other Textile Products	.8	.8	.9	0	- .1
Printing and Publishing	2.4	2.4	2.5	0	- .1
Chemicals and Allied Products	1.2	1.3	1.4	- .1	- .2
Agricultural Chemicals	.6	.6	.7	0	- .1
Other Nondurable Goods 2/	1.4	1.4	1.4	0	0
NONMANUFACTURING	263.7	261.2	257.5	2.5	6.2
Construction	16.4	16.0	16.3	.4	.1
Transportation & Public Utilities	19.3	19.6	19.3	- .3	0
Railroads	1.1	1.1	1.5	0	- .4
Wholesale and Retail Trade	73.3	72.0	68.7	1.3	4.6
Wholesale Trade	14.3	14.3	14.5	0	- .2
Retail Trade	59.0	57.7	54.2	1.3	4.8
Finance, Insurance & Real Estate	14.8	14.9	14.8	- .1	0
Banking	4.4	4.4	4.3	0	.1
Insurance Carriers and Agents	3.0	3.1	3.1	- .1	- .1
Services and Mining	59.6	58.2	55.7	1.4	3.9
Personal Services	4.4	4.4	4.2	0	.2
Government	80.3	80.5	82.7	- .2	- 2.4
Federal Government	37.1	36.8	37.6	.3	- .5
State & Local Government	43.2	43.7	45.1	- .5	- 1.9

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	447.4	443.0	433.4	4.4	14.0
MANUFACTURING	17.8	17.7	17.1	.1	.7
Durable Goods	10.4	10.3	10.2	.1	.2
Stone, Clay and Glass Products	.9	.9	1.0	0	- .1
Fabricated Metal Products	1.2	1.2	1.2	0	0
Machinery, except Electrical	.7	.7	.7	0	0
Electric and Electronic Equipment	5.5	5.4	5.3	.1	.2
Other Durable Goods 1/	2.1	2.1	2.0	0	.1
Nondurable Goods	7.4	7.4	6.9	0	.5
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.5	0	.3
Other Nondurable Goods 2/	1.5	1.5	1.3	0	.2
NONMANUFACTURING	429.6	425.3	416.3	4.3	13.3
Mining	.3	.3	.4	0	- .1
Construction	29.3	28.6	27.5	.7	1.8
Transportation & Public Utilities	29.1	29.1	29.6	0	- .5
Transportation By Air	8.1	8.3	8.7	- .2	- .6
Electric, Gas & Sanitary Service	3.7	3.7	3.4	0	.3
Wholesale and Retail Trade	102.2	100.9	97.7	1.3	4.5
Wholesale Trade	17.9	17.9	18.5	0	- .6
Retail Trade	84.3	83.0	79.2	1.3	5.1
General Merchandise Stores	12.8	12.7	11.8	.1	1.0
Food Stores	9.3	9.1	9.3	.2	0
Auto. Dealers & Service Stations	12.2	12.4	12.1	- .2	.1
Apparel & Accessory Stores	5.4	5.3	5.3	.1	.1
Eating & Drinking Places	25.2	24.3	22.7	.9	2.5
Finance, Insurance & Real Estate	28.6	28.1	27.3	.5	1.3
Banking	6.2	6.1	5.9	.1	.3
Services	117.8	115.6	113.9	2.2	3.9
Business Services	40.8	40.1	39.7	.7	1.1
Government	122.3	122.7	119.9	- .4	2.4
Federal Government	69.7	69.5	68.6	.2	1.1
State and Local Government	52.6	53.2	51.3	- .6	1.3

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	46.9	46.5	49.4	.4	- 2.5
MANUFACTURING	11.3	11.4	11.8	- .1	- .5
Durable Goods	2.5	2.6	2.7	- .1	- .2
Lumber and Wood Products and Furniture & Fixtures	.6	.8	.5	- .2	.1
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.1	.2	.1	0
Other Durable Goods 1/	1.5	1.5	1.8	0	- .3
Nondurable Goods	8.8	8.8	9.1	0	- .3
Food and Kindred Products	.4	.4	.3	0	.1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.1	0	0
Chemicals and Allied Products	3.4	3.4	3.6	0	- .2
Other Nondurable Goods 2/	3.9	3.9	4.1	0	- .2
NONMANUFACTURING	35.6	35.1	37.6	.5	- 2.0
Construction	2.5	2.3	3.8	.2	- 1.3
Transportation and Public Utilities	1.5	1.5	1.5	0	0
Wholesale and Retail Trade	8.4	8.4	8.2	0	.2
Wholesale Trade	1.2	1.2	1.3	0	- .1
Retail Trade	7.2	7.2	6.9	0	.3
Finance, Insurance and Real Estate	1.3	1.3	1.4	0	- .1
Services and Mining	6.6	6.5	6.4	.1	.2
Government	15.3	15.1	16.3	.2	- 1.0
Federal Government	4.9	4.8	6.1	.1	- 1.2
State and Local Government	10.4	10.3	10.2	.1	.2

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	331.1	330.9	326.9	.2	4.2
MANUFACTURING	56.4	56.3	54.8	.1	1.6
Durable Goods	17.9	17.9	17.7	0	.2
Lumber & Wood Products	1.4	1.5	1.4	- .1	0
Furniture & Fixtures	2.2	2.2	2.1	0	.1
Stone, Clay & Glass Products	1.4	1.4	1.2	0	.2
Fabricated Metal Products	2.6	2.5	2.5	.1	.1
Fabricated Structural Metal Products	1.8	1.8	1.8	0	0
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.2	8.2	8.4	0	- .2
Nondurable Goods	38.5	38.4	37.1	.1	1.4
Food & Kindred Products	4.3	4.3	4.2	0	.1
Bakery Products	1.8	1.8	1.7	0	.1
Tobacco Manufactures	12.6	12.7	11.8	- .1	.8
Cigarettes	11.8	11.8	11.1	0	.7
Tobacco Stemming & Redrying	.5	.5	.3	0	.2
Apparel & Other Textile Products	2.2	2.2	2.3	0	- .1
Paper & Allied Products	4.2	4.1	4.2	.1	0
Printing and Publishing	5.3	5.2	5.2	.1	.1
Commercial Printing	3.0	2.9	2.9	.1	.1
Chemicals & Allied Products	7.8	7.8	7.4	0	.4
Other Nondurable Goods 2/	2.1	2.1	2.0	0	.1
NONMANUFACTURING	274.7	274.6	272.1	.1	2.6
Mining	.3	.3	.4	0	- .1
Construction	16.7	16.3	17.0	.4	- .3
Transportation & Public Utilities	20.4	20.2	20.0	.2	.4
Wholesale & Retail Trade	74.6	74.7	72.4	- .1	2.2
Wholesale Trade	22.0	22.0	22.0	0	0
Retail Trade	52.6	52.7	50.4	- .1	2.2
General Merchandise Stores	10.2	10.3	10.2	- .1	0
Food Stores	7.5	7.5	7.0	0	.5
Auto Dealers & Service Stations	5.6	5.7	5.6	- .1	0
Finance, Insurance & Real Estate	26.7	26.7	27.0	0	- .3
Insurance Carriers and Agents	10.5	10.4	10.3	.1	.2
Services	62.5	61.3	60.2	1.2	2.3
Government	73.5	75.1	75.1	- 1.6	- 1.6
Federal Government	8.0	7.8	8.8	.2	- .8
State & Local Government	65.5	67.3	66.3	- 1.8	- .8

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	103.6	102.9	105.8	.7	- 2.2
MANUFACTURING	20.9	20.9	20.9	0	0
Durable Goods	12.2	12.3	12.1	- .1	.1
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.2	1.2	1.3	0	- .1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.6	6.7	6.4	- .1	.2
Nondurable Goods	8.7	8.6	8.8	.1	- .1
Food & Kindred Products	1.9	1.8	1.9	.1	0
Textile Mill Products	1.7	1.6	1.9	.1	- .2
Apparel & Other Textile Products	1.6	1.7	1.6	- .1	0
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.6	2.5	0	.1
NONMANUFACTURING	82.7	82.0	84.9	.7	- 2.2
Mining	.1	.1	.1	0	0
Construction	5.5	5.5	6.6	0	- 1.1
Transportation & Public Utilities	8.7	8.8	9.9	- .1	- 1.2
Wholesale & Retail Trade	25.7	25.5	25.6	.2	.1
Wholesale Trade	7.4	7.4	7.3	0	.1
Retail Trade	18.3	18.1	18.3	.2	0
Finance, Insurance & Real Estate	6.3	6.3	6.3	0	0
Services	20.1	19.9	19.9	.2	.2
Government	16.3	15.9	16.5	.4	- .2
Federal Government	3.1	3.1	3.4	0	- .3
State & Local Government	13.2	12.8	13.1	.4	.1

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	$269.60	$263.74	$240.07	40.0	39.6	39.1	$6.74	$6.66	$6.14
Durable Goods	271.61	267.70	241.64	40.6	40.5	39.1	6.69	6.61	6.18
Lumber and Wood Products	203.71	200.34	170.38	39.1	38.9	36.8	5.21	5.15	4.63
Furniture and Fixtures	177.70	177.95	158.30	38.8	38.6	36.9	4.58	4.61	4.29
Household and Office Furniture	177.63	177.02	156.65	38.7	38.4	36.6	4.59	4.61	4.28
Stone, Clay and Glass Products	253.58	255.62	234.52	40.9	40.9	41.0	6.20	6.25	5.72
Structural Clay Products	231.86	221.65	201.80	43.5	41.9	40.2	5.33	5.29	5.02
Glass and Glass Products	247.95	238.46	237.16	39.8	38.9	38.5	6.23	6.13	6.16
Primary Metal Industries	361.26	340.49	289.24	40.5	40.2	36.2	8.92	8.47	7.99
Fabricated Metal Products	332.80	317.79	302.94	41.6	40.9	40.5	8.00	7.77	7.48
Fabricated Structural Metal Products	335.23	315.23	304.80	43.2	42.2	42.1	7.76	7.47	7.24
Machinery, except Electrical	291.85	287.20	256.24	40.2	40.0	40.1	7.26	7.18	6.39
Construction and Related Machinery	273.02	277.81	244.98	38.4	37.9	38.1	7.11	7.33	6.43
Special Industry Machinery	341.13	334.56	289.42	41.1	40.9	38.9	8.30	8.18	7.44
Refrigeration and Service Machinery	342.43	308.18	260.37	46.4	43.9	42.2	7.38	7.02	6.17
Electric and Electronic Equipment	272.56	272.62	242.87	40.2	40.3	39.3	6.78	6.74	6.18
Communication Equipment	288.51	297.31	267.58	39.2	39.8	39.7	7.36	7.47	6.74
Instruments and Related Products	1)189.36	1)195.42	212.22	38.1	39.8	40.5	1) 4.97	1) 4.91	5.24
Miscellaneous Manufacturing Industries	221.03	209.00	204.97	39.4	38.0	37.2	5.61	5.50	5.51
				39.6	38.9	39.1	6.78	.71	6.11
Nondurable Goods	268.49	261.02	238.90	39.6	38.9	39.1	6.78	6.71	6.11
Food and Kindred Products	245.30	238.08	224.06	39.5	38.4	38.3	6.21	6.20	5.85
Tobacco Manufactures	451.00	428.68	357 82	41.0	38.9	38.6	11.00	11.02	9.27
Cigarettes	474.96	456.15	376.55	41.7	39.7	38.9	11.39	11.49	9.68
Textile Mill Products	212.26	211.73	190.12	40.2	40.1	39.2	5.28	5.28	4.85
Weaving Mills, Cotton, Synthetics and Wool	232.40	232.40	198.60	41.5	41.5	39.8	5.60	5.60	4.99
Knitting Mills	174.95	183.00	180.18	36.6	37.5	38.5	4.78	4.88	4.68
Yarn and Thread Mills	197.07	197.07	167.98	42.2	42.2	39.9	4.67	4.67	4.21
Miscellaneous Textile Goods	234.00	192.65	203.56	42.7	34.9	38.7	5.48	5.52	5.26
Apparel and Other Textile Products	162.26	159.67	150.96	36.3	35.8	37.0	4.47	4.46	4.08
Men's and Boys' Suits, Coats and Furnishings	173.15	159.15	159.26	36.3	34.3	38.1	4.77	4.64	4.18
Women's and Children's Outerwear & Undergarments	149.95	154.80	142.88	35.2	36.0	35.9	4.26	4.30	3.98
Paper and Allied Products	344.86	350.57	308.66	41.5	42.7	41.1	8.31	8.21	7.51
Pulp, Paper and Paperboard	408.50	421.67	363.80	43.0	44.2	42.5	9.50	9.54	8.56
Misc. Converted Paper and Paperboard Products, Containers and Boxes	274.62	274.99	250.34	39.8	40.8	39.8	6.90	6.74	6.29
Printing and Publishing	327.46	317.44	281.86	39.5	38.2	38.4	8.29	8.31	7.34
Newspapers and Periodicals	259.50	259.34	251.26	33.1	33.9	34.8	7.84	7.65	7.22
Chemical and Allied Products	369.29	327.46	310.75	41.4	38.3	40.2	8.92	8.55	7.73
Plastic Materials and Synthetics	388.58	378.06	312.44	42.1	42.1	39.6	9.23	8.98	7.89
Agricultural Chemicals	248.40	242.80	227.45	40.0	40.4	40.4	6.21	6.01	5.63
Leather and Leather Products	152.08	148.93	131.77	38.6	37.8	36.3	3.94	3.94	3.63

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	$214.08	$220.41	$208.07	35.8	38.2	37.9	$5.98	$5.77	$5.49
Durable Goods	272.03	268.62	251.22	40.3	40.7	39.5	6.75	6.60	6.36
Fabricated Metal Products	1) 323.99	1) 312.89	324.53	40.6	40.9	39.1	1) 7.98	1) 7.65	8.30
Machinery and Transportation Equipment	264.62	266.33	237.60	40.9	41.1	40.0	6.47	6.48	5.94
Nondurable Goods	154.44	171.72	164.78	31.2	35.7	36.7	4.95	4.81	4.49
Food and Kindred Products	201.72	194.39	186.94	34.9	34.9	34.3	5.78	5.57	5.45
Apparel and Other Textile Products	110.99	147.58	141.70	26.3	34.4	36.9	4.22	4.29	3.84

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,100 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	$270.25	$255.81	$231.46	40.7	38.7	38.9	$6.64	$6.61	$5.95
Durable Goods	281.18	273.04	248.58	40.4	39.4	38.6	6.96	6.93	6.44
Lumber and Wood Products and Furniture and Fixtures	179.65	175.06	155.23	37.9	36.7	36.1	4.74	4.77	4.30
Nondurable Goods	254.00	229.74	205.80	41.1	37.6	39.2	6.18	6.11	5.25
Food and Kindred Products	1) 257.68	1) 275.81	239.41	1) 39.4	1) 40.8	42.6	1) 6.54	1) 6.76	5.62
Textile Mill Products	225.28	225.43	206.34	40.3	40.4	40.3	5.59	5.58	5.12
Apparel and Other Textile Products	151.03	151.58	129.11	37.2	37.8	34.8	4.06	4.01	3.71
Paper and Allied Products	377.22	385.06	319.20	49.7	50.8	45.6	7.59	7.58	7.00

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	$282.61	$287.04	$253.92	40.2	41.3	39.8	$7.03	$6.95	$6.38
Durable Goods	302.25	308.79	268.00	40.9	42.3	40.3	7.39	7.30	6.65
Lumber and Wood Products	210.90	248.46	169.39	37.0	42.4	32.7	5.70	5.86	5.18
Stone, Clay, and Glass Products	229.28	264.80	229.67	38.6	41.7	38.6	5.94	6.35	5.95
Fabricated Metal Products	233.36	232.18	239.57	38.7	40.1	43.4	6.03	5.79	5.52
Machinery, except Electrical	235.46	236.21	226.08	38.6	39.5	40.3	6.10	5.98	5.61
Transportation Equipment	386.31	386.23	349.62	44.2	45.6	44.2	8.74	8.47	7.91
Nondurable Goods	248.28	247.50	231.27	39.1	39.6	39.0	6.35	6.25	5.93
Food and Kindred Products	243.21	240.35	221.76	40.4	40.6	39.6	6.02	5.92	5.60
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	243.58	242.65	214.98	38.0	39.2	36.5	6.41	6.19	5.89

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,000 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	$292.47	$292.00	$274.13	39.9	40.0	39.5	$7.33	$7.30	$6.94
Durable Goods	281.93	279.07	261.09	40.8	40.8	39.8	6.91	6.84	6.56
Stone, Clay, and Glass Products	246.72	242.14	222.72	37.1	36.8	38.4	6.65	6.58	5.80
Fabricated Metal Products	316.05	319.29	275.53	43.0	43.5	40.4	7.35	7.34	6.82
Electric and Electronic Equipment	1) 292.82	1) 288.74	284.95	42.5	42.4	41.0	1) 6.89	1) 6.81	6.95
Nondurable Goods	302.86	308.85	289.54	38.0	38.8	38.4	7.97	7.96	7.54
Food and Kindred Products	319.93	313.58	296.91	40.6	40.1	39.8	7.88	7.82	7.46

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	$341.50	$258.06	$300.75	40.8	33.0	40.1	$8.37	$7.82	$7.50
Durable Goods	1) 201.40	1) 201.60	180.64	1) 40.2	1) 40.4	39.1	1) 5.01	1) 4.99	4.62
Lumber and Wood Products and Furniture and Fixtures	1) 267.48	1) 234.68	155.61	1) 48.9	1) 44.7	36.7	1) 5.47	1) 5.25	4.24
Nondurable Goods	380.78	274.76	338.15	40.9	30.7	40.4	9.31	8.95	8.37
Food & Kindred Products	215.99	226.63	217.17	38.5	39.9	39.2	5.61	5.68	5.54
Chemicals & Allied Products	432.21	173.73	375.42	41.8	17.8	41.3	10.34	9.76	9.09

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,800 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	$355.20	$354.44	$313.23	40.0	40.6	39.7	$ 8.88	$ 8.73	$ 7.89
Durable Goods	321.05	314.47	293.98	39.2	41.0	40.8	8.19	7.67	7.23
Lumber and Wood Products	201.80	199.92	189.34	40.2	40.8	40.2	5.02	4.90	4.71
Furniture and Fixtures	182.31	199.92	167.40	38.3	42.0	37.2	4.76	4.76	4.50
Primary Metal Industries	558.60	478.88	468.38	38.9	41.0	40.8	14.36	11.68	11.48
Fabricated Metal Products	408.66	356.20	351.48	42.0	39.1	40.4	9.73	9.11	8.70
Fabricated Structural Metal Products	467.46	390.45	377.28	44.1	39.4	39.3	10.60	9.91	9.60
Nondurable Goods	368.34	370.06	319.16	40.3	40.4	39.5	9.14	9.16	8.08
Food and Kindred Products	250.72	247.84	220.00	40.9	40.3	37.8	6.13	6.15	5.82
Tobacco Manufactures	450.08	455.52	375.75	38.6	38.9	39.1	11.66	11.71	9.61
Cigarettes	457.80	465.29	380.24	38.6	39.1	39.2	11.86	11.90	9.70
Apparel and Other Textile Products	191.70	190.94	164.51	42.6	40.8	38.8	4.50	4.68	4.24
Paper and Allied Products	311.76	314.23	277.11	40.7	41.4	39.7	7.66	7.59	6.98
Printing and Publishing	344.83	356.98	317.25	38.4	39.1	38.5	8.98	9.13	8.50
Chemicals and Allied Products	410.61	408.37	354.78	42.2	42.1	40.5	9.73	9.70	8.76

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,500 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	$246.72	$245.92	$229.88	39.1	39.6	40.4	$6.31	$6.21	$5.69
Durable Goods	248.77	245.35	230.11	39.3	39.7	40.3	6.33	6.18	5.71
Fabricated Metal Products	247.05	241.76	217.89	40.7	40.7	40.5	6.07	5.94	5.38
Fabricated Structural Metal Products	253.12	249.28	222.50	40.5	41.0	40.9	6.25	6.08	5.44
Nondurable Goods	244.44	245.62	229.64	38.8	39.3	40.5	6.30	6.25	5.67
Food and Kindred Products	260.33	263.34	235.14	43.9	43.1	44.2	5.93	6.11	5.32
Textile Mill Products	183.76	180.36	180.64	36.9	36.0	39.7	4.98	5.01	4.55

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
Virginia	$269.60	$263.74	$240.07	$211.48	$207.46	$192.30	$231.17	$226.76	$210.17
Bristol Area	214.08	220.41	208.07	172.64	177.22	169.37	189.17	194.07	185.60
Lynchburg SMSA	270.25	255.81	231.46	211.91	201.96	186.28	231.66	220.78	203.64
Norfolk-Virginia Beach-Portsmouth SMSA	282.61	287.04	253.92	220.24	223.22	201.97	240.98	244.31	220.68
Northern Virginia Area	292.47	292.00	274.13	226.88	226.56	215.95	248.41	248.05	236.01
Petersburg-Colonial Heights-Hopewell SMSA	341.50	258.06	300.75	258.55	203.52	234.02	284.29	222.48	256.21
Richmond SMSA	355.20	354.44	313.23	267.23	266.75	242.27	294.20	293.65	265.46
Roanoke SMSA	246.72	245.92	229.88	195.66	195.10	185.18	213.93	213.33	202.44

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	June 1981 2/	May 1981	June 1980	May 1980
NONAGRICULTURAL	2,128.0	2,122.7	2,099.1	2,111.4
MANUFACTURING	410.0	412.0	406.2	412.0
Durable Goods	187.5	188.6	182.4	186.5
Lumber & Wood Products	23.4	23.9	22.3	22.7
Furniture and Fixtures	26.4	26.3	25.9	26.1
Stone, Clay and Glass Products	12.3	12.4	12.1	12.5
Primary Metal Industries	11.6	11.8	12.2	12.6
Fabricated Metal Products	20.9	20.7	20.5	20.6
Machinery, except Electrical	14.0	14.5	14.8	15.0
Electric and Electronic Equipment	34.2	33.7	32.5	33.5
Transportation Equipment	36.8	37.4	34.3	35.8
Instruments and Related Products	4.1	4.1	4.0	3.9
Nondurable Goods	222.6	223.2	224.0	225.3
Food and Kindred Products	41.7	42.2	42.9	42.4
Tobacco Manufactures	17.0	17.0	16.7	16.5
Textile Mill Products	44.7	45.0	44.3	45.2
Apparel and Other Textile Products	34.2	33.9	34.6	35.1
Paper and Allied Products	14.3	14.3	14.6	14.6
Printing and Publishing	22.0	22.3	22.0	22.1
Chemicals and Allied Products	33.0	32.9	33.2	33.5
Leather and Leather Products	3.4	3.4	3.5	3.5
MINING	21.8	13.1	22.4	23.0
Bituminous Coal and Lignite Mining	18.9	10.2	19.1	19.6
CONTRACT CONSTRUCTION	111.6	113.0	119.6	121.8
TRANSPORTATION & PUBLIC UTILITIES	113.6	114.4	114.0	114.6
Railroad Transportation	11.3	11.2	14.3	14.2
Trucking and Warehousing	28.8	29.0	29.2	29.6
Transportation by Air	11.2	11.2	11.2	11.1
Communication	30.0	29.7	28.8	28.0
Electric, Gas and Sanitary Services	17.5	17.5	16.4	16.5
WHOLESALE AND RETAIL TRADE	458.1	455.7	443.2	442.3
Wholesale Trade	105.5	105.4	103.5	103.9
Retail Trade	354.3	350.6	341.4	338.7
General Merchandise Stores	57.9	58.2	56.2	56.4
Food Stores	56.4	55.8	53.7	53.5
FINANCE, INSURANCE & REAL ESTATE	106.6	107.5	103.9	105.3
Banking	30.8	31.3	30.6	31.2
Insurance Carriers	20.2	20.2	19.9	20.0
SERVICES	396.5	396.4	380.7	383.5
Personal Services	25.0	24.9	24.9	24.6
Business Services	77.4	76.9	74.8	75.0
GOVERNMENT	510.0	512.3	508.8	510.0
Federal Government	155.5	155.4	158.6	160.9
State and Local Government	353.4	357.7	349.4	349.8
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.7	39.4	38.8	38.7
Durable Goods	40.4	40.0	38.9	38.4
Lumber and Wood Products	38.[illegible]	38.4	36.1	36.6
Furniture and Fixtures	38.6	38.8	36.8	36.5
Household & Office Furniture	38.5	38.5	36.4	36.3
Stone, Clay & Glass Products	40.7	39.8	40.8	38.4
Primary Metal Industries	40.4	40.7	36.1	36.5
Fabricated Metal Products	41.3	41.2	40.2	40.2
Fabricated Structural Metal Products	43.0	42.9	41.9	41.7
Machinery, except Electrical	40.0	39.8	39.9	39.1
Electric and Electronic Equipment	40.1	40.7	39.2	39.5
Instruments & Related Products	37.6	40.4	40.0	40.0
Miscellaneous Manufacturing Industries	38.6	38.2	36.5	37.3
Nondurable Goods	39.2	39.0	38.7	39.0
Food & Kindred Products	39.0	38.9	37.8	38.2
Tobacco Manufactures	40.1	40.5	39.2	40.1
Cigarettes	41.0	41.7	40.0	40.6
Textile Mill Products	40.0	39.7	38.8	39.7
Weaving Mills, Cotton, Synthetics and Wool	41.5	41.2	39.8	42.2
Knitting Mills	35.4	37.2	37.3	37.0
Apparel & Other Textile Products	35.2	35.7	35.9	36.1
Men's and Boys' Suits, Coats and Furnishings	35.0	33.1	36.7	34.7
Women's and Children's Outerwear & Undergarments	34.2	36.2	34.8	36.4
Paper & Allied Products	41.9	42.9	41.5	42.4
Pulp, Paper and Paperboard	43.8	43.8	43.3	44.0
Printing and Publishing	40.0	38.9	39.4	39.2
Newspapers and Periodicals	33.0	33.8	35.8	35.2
Chemicals & Allied Products	41.4	38.0	41.2	40.7
Plastics Materials & Synthetics	41.7	41.8	41.0	40.2
Agricultural Chemicals	40.7	39.3	41.1	38.9
Leather & Leather Products	37.7	37.2	35.4	37.5

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1980
JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	451.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	491.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	503.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2.044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	513.8
March	2,154.7	413.3	25.3	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	513.3
May	2,122.7	412.0	13.1	113.0	114.4	455.7	107.5	396.4	512.3
June	2,128.0	410.0	21.8	111.6	113.6	458.1	106.6	396.5	510.0
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

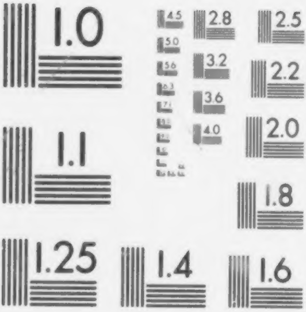
Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.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NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

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August 1981

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
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Explanatory Notes

NONAGRICULTURAL EMPLOYMENT DECLINES OVER THE MONTH IN VIRGINIA

DURING JULY 1981 EMPLOYMENT DECLINED IN NONAGRICULTURAL ESTABLISHMENTS ACROSS THE STATE TO 2,145,000 - 19,300 BELOW THE ALL-TIME HIGH OF A MONTH EARLIER. While the July downtrend is not unusual, the severity of the drop equaled the decline of a year ago. Seasonal drops in the educational segment, unpaid vacations and shutdowns due to lack of business, plus slackness in construction were the prime factors contributing to the over-the-month reduction. However, with mining and railroad worker totals reaching full strength following the coal miners' strike, some of the downturn was softened. Even with the sizeable June to July loss of workers, employment was still 31,600 ahead of July 1980.

BOTH DURABLE GOODS AND NONDURABLE GOODS PRODUCERS CONTRIBUTED TO THE LOSS OF 2,200 WORKERS IN THE MANUFACTURING DIVISION. With 407,000 persons on manufacturers' payrolls, employment was the lowest it has been since February of this year. Cutbacks were widespread, while gains were sparse. For many manufacturing employers the first part of July is usually vacation time and for workers who had not accumulated enough time to cover the entire vacation period, extended plant closings were really layoffs in disguise. This situation occurred in the furniture, primary metals, apparel and textile segments. Seasonal layoffs occurred in both the food and tobacco industries. It is significant that firms that supply the building sector (lumber and wood products, stone, clay and glass products and fabricated metals) either reduced workforces or recorded no over-the-month gains. The bright spots on the manufacturing scene were electrical machinery, transportation equipment and paper and allied products. The state's 310,700 factory production workers earned $264.32 in July. This was $19.25 more than last year but $3.01 less than in June 1981. Weekly hours declined eight-tenths of an hour between June and July to average 39.1 hours in July. Hourly earnings, however, rose six cents to $6.76. A good number of wage increases were recorded but they tended to be smaller since many wage schedules are tied to price indexes, which have been slower-rising over the past few months. Trends in the major metropolitan areas were mixed with only the Roanoke SMSA registering plusses in average weekly earnings, average weekly hours and average hourly earnings.

FEWER WORKERS WERE ON GOVERNMENT PAYROLLS DURING THE JULY SURVEY PERIOD. This followed the usual June to July trend. While federal employment moved upward with increases being centered in defense installations, state and local government moved downward. Nonteaching personnel were released for the summer by both state and local educational systems. This decrease was offset partially by the hiring of young people to participate in federally funded summer youth programs. The number of enrollees was greatly reduced from previous years due to cutbacks in funding. Both permanent and parttime workers connected with the programs have been affected by reductions in grants from the federal government.

NONAGRICULTURAL EMPLOYMENT DECLINES OVER THE MONTH IN VIRGINIA

(continued from page 1)

WHOLESALE AND RETAIL ESTABLISHMENTS EXPERIENCED DECLINES IN THEIR WORKFORCES. The drop of 2,200 in staffs of wholesalers and retailers was contrary to the usual trend for this period of the year. A large number of the released workers were employed in eating and drinking places that found they had overstaffed during the spring months. Although July sales were up, they were not as sharp as they had been in each of the three previous months and merchants made reductions in workforces. Several national retailers announced closings of some stores in Virginia (mostly inner-city stores) that were not showing profits in order to channel efforts into those located in growth areas. Interest rates continue to be a deterrent to sales of items that need to be financed.

CONSTRUCTION EMPLOYMENT HELD STEADY BETWEEN MID-JUNE AND MID-JULY. During the spring months construction employment generally picks up monthly and peaks in July or August and the lack of growth over the month was unusual. While the need for residential building remains, high interest rates leave contractors without buyers for their products. Office buildings are still moving ahead but contracts for stores and other commercial buildings are expected to be flat for the year. Declines in highway and road construction have also been reported.

The return to full strength of railroad and mining workers after a labor dispute boosted employment in these divisions by almost 2,000. Increases (+600) were also noted in the finance, insurance and real estate portion of the economy. Services also had a very modest increase (+200).

THE BUREAU OF LABOR STATISTICS' PRODUCERS PRICE INDEX for all commodities in July was 296.0 (1967=100), up 0.5 percent over the month and 11.4 percent more than a year earlier. The index for finished goods increased 0.5 percent to 271.3 in July. The over-the-year increment was 8.8 percent.

THE ALL URBAN CONSUMER'S PRICE INDEX rose 1.1 percent in July. The index (U. S. City Average) at 274.4 (1967=100) was up 10.7 percent over July 1980. The Urban Wage Earners and Clerical Workers Index rose 1.2 percent to 274.6 (1967=100) in July 1981 for an over-the-year increase of 10.7 percent.

Consumer Price Index data for July 1981 will be released on September 24, 1981 and may be obtained by calling (804) 786-4490.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed 2/			Unemployed			Per Cent of Labor Force		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
United States	107,621,000	106,347,000	106,067,000	99,341,000	98,803,000	97,776,000	8,279,000	7,545,000	8,291,000	7.7	7.1	7.8
Virginia	2,607,000	2,559,200	2,575,400	2,449,300	2,421,000	2,431,600	157,700	138,200	143,800	6.0	5.4	5.6
Bristol Area	39,690	39,390	39,720	37,160	37,020	37,060	2,530	2,370	2,660	6.4	6.0	6.7
Lynchburg SMSA	77,020	76,310	77,500	72,400	72,270	73,330	4,620	4,040	4,170	6.0	5.3	5.4
Newport News-Hampton SMSA	178,780	173,470	171,440	167,160	163,820	161,680	11,620	9,650	9,760	6.5	5.6	5.7
Norfolk-Virginia Beach-Portsmouth SMSA	341,830	334,340	333,630	318,960	314,750	310,550	22,870	19,590	23,080	6.7	5.9	6.9
Northern Virginia Area	591,800	578,900	573,800	567,100	559,400	552,900	24,700	19,500	20,900	4.2	3.4	3.6
Petersburg-Colonial Heights-Hopewell SMSA	60,970	59,540	63,330	56,350	55,440	59,010	4,620	4,100	4,320	7.6	6.9	6.8
Richmond SMSA	339,970	335,940	334,770	325,090	323,100	320,770	14,880	12,840	14,000	4.4	3.8	4.2
Roanoke SMSA	111,770	109,900	112,640	105,550	104,230	107,490	6,220	5,670	5,150	5.6	5.2	4.6

1/ All data adjusted to a place-of-residence basis

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL 1/	2,145.0	2,164.3	2,113.4	-19.3	31.6
MANUFACTURING	407.0	409.2	399.4	-2.2	7.6
Durable Goods	187.2	187.9	180.1	-.7	7.1
Lumber and Wood Products	24.3	24.3	22.8	0	1.5
Millwork, Plywood and Structural Members	6.7	6.6	6.1	.1	.6
Wood Containers	2.0	1.9	1.8	.1	.2
Wood Buildings and Mobile Homes	3.1	3.1	3.2	0	-.1
Miscellaneous Wood Products	2.1	2.1	2.0	0	.1
Furniture and Fixtures	25.8	26.1	22.0	-.3	3.8
Household and Office Furniture	24.2	24.5	20.2	-.3	4.0
Stone, Clay and Glass Products	12.5	12.6	12.4	-.1	.1
Structural Clay Products	1.0	.9	.9	.1	.1
Concrete Gypsum and Plaster Products	7.3	7.3	7.2	0	.1
Glass and Glass Products	1.7	1.7	1.6	0	.1
Primary Metal Industries	10.4	11.6	10.0	-1.2	.4
Fabricated Metal Products	20.8	20.7	20.4	.1	.4
Fabricated Structural Metal Products	12.8	12.9	12.9	-.1	-.1
Machinery, except Electrical	14.2	14.2	15.1	0	-.9
Construction and Related Machinery	4.3	4.0	4.4	.3	-.1
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.1	2.0	1.9	.1	.2
Electric and Electronic Equipment	34.5	33.9	33.2	.6	1.3
Communication Equipment	11.7	11.6	11.5	.1	.2
Electronic Components and Accessories	5.8	5.5	5.4	.3	.4
Transportation Equipment	37.2	36.9	36.8	.3	.4
Instruments and Related Products	4.1	4.1	4.0	0	.1
Miscellaneous Manufacturing Industries	3.4	3.5	3.4	-.1	0
Nondurable Goods	219.8	221.3	219.3	-1.5	.5
Food and Kindred Products	39.9	40.2	42.0	-.3	-2.1
Meat Products	12.6	13.2	13.7	-.6	-1.1
Dairy Products	3.0	3.0	2.6	0	.4
Preserved Fruits and Vegetables	2.0	1.7	3.5	.3	-1.5
Bakery Products	4.9	4.9	5.0	0	-.1
Beverages	5.8	5.7	5.8	.1	0
Tobacco Manufactures	15.8	16.1	15.6	-.3	.2
Cigarettes	14.2	14.2	13.8	0	.4
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	1.2	1.5	1.4	-.3	-.2
Textile Mill Products	44.8	45.0	42.8	-.2	2.0
Weaving Mills, Cotton, Synthetics and Wool	18.9	18.9	18.5	0	.4
Narrow Fabric Mills	1.0	1.0	.6	0	.4
Knitting Mills	14.1	14.2	13.1	-.1	1.0
Textile Finishing, except Wool	4.9	4.9	4.6	0	.3
Yarn and Thread Mills	3.0	3.2	3.0	-.2	0
Miscellaneous Textile Goods	1.3	1.2	1.2	.1	.1
Apparel and Other Textile Products	33.8	34.5	34.3	-.7	-.5
Men's and Boys' Suits, Coats and Furnishings	12.5	12.7	13.6	-.2	-1.1
Women's and Children's Outerwear & Undergarments	17.6	18.1	17.0	-.5	.6
Miscellaneous Fabricated Textile Products	1.8	1.8	1.7	0	.1
Paper and Allied Products	14.6	14.4	14.6	.2	0
Pulp, Paper and Paperboard	7.9	7.7	7.8	.2	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.0	6.0	6.1	0	-.1
Miscellaneous Converted Paper Products	2.3	2.4	2.5	-.1	-.2
Paperboard Containers and Boxes	3.7	3.6	3.6	.1	.1
Printing and Publishing	22.1	22.1	21.8	0	.3
Newspapers and Periodicals	8.2	8.3	8.5	-.1	-.3
Commercial Printing	8.3	8.2	8.1	.1	.2
Chemicals and Allied Products	33.0	33.1	32.8	-.1	.2
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	19.5	19.6	19.4	-.1	.1
Drugs	2.8	2.8	2.7	0	.1
Agricultural Chemicals	1.5	1.6	1.6	-.1	-.1
Miscellaneous Chemical Products	3.6	3.5	3.3	.1	.3
Petroleum, Rubber and Misc. Plastics Products	12.2	12.3	11.8	-.1	.4
Miscellaneous Plastics Products	5.7	5.8	5.4	-.1	.3
Rubber and Rubber Products	6.2	6.2	6.0	0	.2
Leather and Leather Products	3.6	3.6	3.6	0	0

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
(Continued from page 4)					
NONMANUFACTURING	1,738.0	1,755.1	1,714.0	- 17.1	24.0
Mining	24.0	23.5	24.0	.5	0
Bituminous Coal and Lignite Mining	21.1	20.6	20.7	.5	.4
Construction	119.0	119.0	129.2	0	- 10.2
Transportation and Public Utilities	118.6	117.2	115.4	1.4	3.2
Railroad Transportation	14.8	13.0	13.8	1.8	1.0
Trucking and Warehousing	29.5	29.7	29.7	- .2	- .2
Transportation by Air	11.2	11.2	11.0	0	.2
Communication	30.2	30.3	29.4	- .1	.8
Electric, Gas and Sanitary Services	17.6	17.6	16.6	0	1.0
Wholesale and Retail Trade	459.9	462.1	447.6	- 2.2	12.3
Wholesale	105.6	106.2	104.3	- .6	1.3
Wholesale Trade Durable Goods	64.1	64.2	63.9	- .1	.2
Wholesale Trade Nondurable Goods	41.5	42.0	40.4	- .5	1.1
Retail	354.3	355.9	343.3	- 1.6	11.0
General Merchandise Stores	55.4	56.2	54.3	- .8	1.1
Department Stores	40.4	41.2	40.3	- .8	.1
Variety Stores	9.3	9.2	8.7	.1	.6
Food Stores	56.6	56.9	54.6	- .3	2.0
Automotive Dealers and Service Stations	46.6	46.5	46.5	.1	.1
Furniture and Home Furnishings Stores	15.7	15.5	15.5	.2	.2
Miscellaneous Retail	43.5	43.6	43.0	- .1	.5
Finance, Insurance and Real Estate	109.6	109.0	106.7	.6	2.9
Banking	31.6	31.4	31.3	.2	.3
Insurance Carriers	20.3	20.4	20.0	- .1	.3
Real Estate	25.4	25.1	23.7	.3	1.7
Services	408.5	408.3	394.6	.2	13.9
Personal Services	24.7	25.0	24.6	- .3	.1
Business Services	78.7	78.6	76.6	.1	2.1
Auto and Miscellaneous Repair Service	18.8	18.7	18.6	.1	.2
Health Services	105.7	105.2	101.5	.5	4.2
Government	498.4	516.0	496.5	- 17.6	1.9
Federal Government	159.5	158.6	158.2	.9	1.3
State and Local Government	338.9	357.4	338.3	- 18.5	.6
State Government	113.1	117.2	115.7	- 4.1	- 2.6
Local Government	225.8	240.2	222.6	- 14.4	3.2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to **December 1978** benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1980
JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.3	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1.974.7	408.5	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,164.3	409.2	23.5	119.0	117.2	462.1	109.0	408.3	516.0
July	2,145.0	407.0	24.0	119.0	118.6	459.9	109.6	408.5	498.4
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the countires of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL 1/	904.3	917.0	880.1	- 12.7	24.2
MANUFACTURING	144.7	145.3	142.8	- .6	1.9
Durable Goods	45.7	45.5	44.2	.2	1.5
Lumber and Wood Products	4.3	4.3	4.0	0	.3
Furniture and Fixtures	8.9	9.1	8.6	- .2	.3
Stone, Clay and Glass Products	1.3	1.3	1.4	0	- .1
Primary Metal Industries	1.9	1.9	1.9	0	0
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.3	2.3	2.4	0	- .1
Electric and Electronic Equipment	15.5	15.3	14.9	.2	.6
Transportation Equipment	5.0	4.9	4.9	.1	.1
Instruments and Related Products	1.7	1.7	1.6	0	.1
Miscellaneous Manufacturing Industries	1.2	1.1	1.1	.1	.1
Nondurable Goods	99.0	99.8	98.6	- .8	.4
Food and Kindred Products	14.3	14.3	15.1	0	- .8
Tobacco Manufactures	5.1	5.3	5.3	- .2	- .2
Textile Mill Products	24.6	24.7	23.6	- .1	1.0
Apparel and Other Textile Products	30.4	31.0	30.8	- .6	- .4
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	8.0	7.9	7.6	.1	.4
Chemicals and Allied Products	8.7	8.6	8.3	.1	.4
Petroleum, Rubber and Misc. Plastics Products	2.7	2.8	2.6	- .1	.1
Leather and Leather Products	2.7	2.7	2.8	0	- .1
NONMANUFACTURING	759.6	771.7	737.3	- 12.1	22.3
Mining	.6	.6	.6	0	0
Construction	8.1	7.8	7.9	.3	.2
Transportation and Public Utilities	29.6	29.5	28.5	.1	1.1
Wholesale and Retail Trade	191.0	192.1	184.9	- 1.1	6.1
Wholesale Trade	21.1	20.9	20.6	.2	.5
Retail Trade	169.9	171.2	164.3	- 1.3	5.6
Finance, Insurance and Real Estate	63.1	62.8	60.8	.3	2.3
Services	226.5	226.0	218.1	.5	8.4
Government	240.7	252.9	236.5	- 12.2	4.2
Federal Government	57.8	57.1	56.3	.7	1.5
State and Local Government	182.9	195.8	180.2	- 12.9	2.7

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
MANUFACTURING	310.7	312.9	303.9	- 2.2	6.8
Durable Goods	140.9	141.6	134.4	- .7	6.5
Lumber and Wood Products	20.7	20.7	19.4	0	1.3
Millwork, Plywood and Structural Members	5.6	5.5	5.1	.1	.5
Wood Containers	1.8	1.7	1.7	.1	.1
Wood Buildings and Mobile Homes	2.2	2.2	2.3	0	- .1
Miscellaneous Wood Products	1.8	1.9	1.8	- .1	0
Furniture and Fixtures	21.8	22.0	18.0	- .2	3.8
Household and Office Furniture	20.5	20.8	16.8	- .3	3.7
Stone, Clay and Glass Products	9.9	9.9	9.8	0	.1
Structural Clay Products	.8	.7	.7	.1	.1
Concrete Gypsum and Plaster Products	5.8	5.9	5.7	- .1	.1
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	5.2	6.2	4.8	- 1.0	.4
Fabricated Metal Products	13.6	13.5	13.2	.1	.4
Fabricated Structural Metal Products	7.5	7.5	7.6	0	- .1
Machinery, except Electrical	9.6	9.7	10.5	- .1	- .9
Construction and Related Machinery	2.4	2.3	2.6	.1	- .2
Special Industry Machinery	1.4	1.4	1.5	0	- .1
Refrigeration and Service Machinery	1.4	1.3	1.2	.1	.2
Electric and Electronic Equipment	23.1	22.8	22.2	.3	.9
Communication Equipment	7.4	7.3	7.1	.1	.3
Electronic Components and Accessories	3.5	3.5	3.5	0	0
Transportation Equipment	31.9	31.7	31.5	.2	.4
Instruments and Related Products	2.4	2.4	2.4	0	0
Miscellaneous Manufacturing Industries	2.7	2.7	2.6	0	.1
Nondurable Goods	169.8	171.3	169.5	- 1.5	.3
Food and Kindred Products	28.9	29.3	30.5	- .4	- 1.6
Meat Products	10.8	11.4	11.8	- .6	- 1.0
Dairy Products	1.6	1.6	1.3	0	.3
Preserved Fruits and Vegetables	1.5	1.3	2.8	.2	- 1.3
Bakery Products	2.5	2.5	2.5	0	0
Beverages	2.5	2.4	2.3	.1	.2
Tobacco Manufactures	11.1	11.4	11.3	- .3	- .2
Cigarettes	10.3	10.3	10.2	0	.1
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	.5	.8	.8	- .3	- .3
Textile Mill Products	40.2	40.3	38.1	- .1	2.1
Weaving Mills, Cotton, Synthetics and Wool	16.6	16.6	16.2	0	.4
Narrow Fabric Mills	1.0	1.0	.6	0	.4
Knitting Mills	13.1	13.1	12.1	0	1.0
Textile Finishing, except Wool	4.5	4.5	4.2	0	.3
Yarn and Thread Mills	2.7	2.9	2.7	- .2	0
Miscellaneous Textile Goods	1.1	1.1	1.0	0	.1
Apparel and Other Textile Products	30.6	31.3	31.4	- .7	- .8
Men's and Boys' Suits, Coats and Furnishings	11.4	11.5	12.6	- .1	- 1.2
Women's and Children's Outerwear & Undergarments	16.2	16.6	15.6	- .4	.6
Miscellaneous Fabricated Textile Products	1.4	1.4	1.3	0	.1
Paper and Allied Products	11.0	10.8	11.0	.2	0
Pulp, Paper and Paperboard	5.5	5.4	5.4	.1	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	5.0	5.0	0	0
Miscellaneous Converted Paper Products	2.0	2.1	2.1	- .1	- .1
Paperboard Containers and Boxes	3.0	2.9	2.9	.1	.1
Printing and Publishing	13.1	13.1	12.8	0	.3
Newspapers and Periodicals	2.9	3.0	3.0	- .1	- .1
Commercial Printing	6.4	6.3	6.3	.1	.1
Chemicals and Allied Products	22.3	22.4	22.2	- .1	.1
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.2	14.3	13.9	- .1	.3
Drugs	1.4	1.4	1.2	0	.2
Agricultural Chemicals	.8	.9	1.0	- .1	- .2
Miscellaneous Chemical Products	2.4	2.4	2.2	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.3	9.4	8.9	- .1	.4
Miscellaneous Plastics Products	4.2	4.3	3.9	- .1	.3
Rubber and Rubber Products	4.9	4.9	4.7	0	.2
Leather and Leather Products	3.3	3.3	3.3	0	0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to **December 1978** benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	29.1	29.2	27.5	- .1	1.6
MANUFACTURING	9.7	9.7	8.9	0	.8
Durable Goods	4.7	4.7	4.5	0	.2
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	- .1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.2	2.2	2.0	0	.2
Other Durable Goods 1/	2.0	2.0	1.9	0	.1
Nondurable Goods	5.0	5.0	4.4	0	.6
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.7	0	.4
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.4	0	.1
NONMANUFACTURING	19.4	19.5	18.6	- .1	.8
Construction	1.6	1.5	1.4	.1	.2
Transportation & Public Utilities	1.3	1.3	1.1	0	.2
Trade	6.8	6.8	6.5	0	.3
Wholesale Trade	1.7	1.7	1.6	0	.1
Retail Trade	5.1	5.1	4.9	0	.2
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.9	3.8	3.7	.1	.2
Government	4.8	5.1	4.9	- .3	- .1
State and Local Government	4.5	4.8	4.5	- .3	0

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	68.4	71.0	69.3	- 2.6	- .9
MANUFACTURING	27.6	29.0	27.2	- 1.4	.4
Durable Goods	17.0	18.2	16.5	- 1.2	.5
Lumber and Wood Products and Furniture and Fixtures	3.9	4.0	3.8	- .1	.1
Other Durable Goods 1/	13.1	14.2	12.7	- 1.1	.4
Nondurable Goods	10.6	10.8	10.7	- .2	- .1
Food and Kindred Products	1.8	1.8	1.6	0	.2
Textile Mill Products	1.8	1.8	1.8	0	0
Apparel & Other Textile Products	2.4	2.5	2.7	- .1	- .3
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.5	3.6	3.6	- .1	- .1
NONMANUFACTURING	40.8	42.0	42.1	- 1.2	- 1.3
Construction	3.5	3.4	3.9	.1	- .4
Transportation and Public Utilities	2.6	2.7	2.8	- .1	- .2
Wholesale and Retail Trade	11.1	11.4	11.6	- .3	- .5
Wholesale Trade	2.2	2.3	2.2	- .1	0
Retail Trade	8.9	9.1	9.4	- .2	- .5
Finance, Insurance and Real Estate	3.6	3.6	3.7	0	- .1
Services and Mining	10.5	10.5	10.7	0	- .2
Government	9.5	10.4	9.4	- .9	.1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	158.1	159.9	155.9	- 1.8	2.2
MANUFACTURING	35.5	3.56	3.46	- .1	.9
Durable Goods	28.7	28.9	28.1	- .2	.6
Stone, Clay & Glass Products	.5	.6	.6	- .1	- .1
Transportation Equipment	24.7	24.7	24.0	0	.7
Other Durable Goods 1/	3.5	3.6	3.5	- .1	0
Nondurable Goods	6.8	6.7	6.5	.1	.3
Food & Kindred Products	3.0	3.0	3.0	0	0
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.6	0	0
Printing and Publishing	1.2	1.1	1.1	.1	.1
Other Nondurable Goods 2/	2.0	2.0	1.8	0	.2
NONMANUFACTURING	122.6	124.3	121.3	- 1.7	1.3
Construction	7.2	7.3	7.7	- .1	- .5
Transportation and Public Utilities	5.3	5.2	5.3	.1	0
Wholesale and Retail Trade	30.0	29.0	29.2	.1	.8
Wholesale Trade	3.4	3.3	3.3	.1	.1
Retail Trade	26.6	26.6	25.9	0	.7
Finance, Insurance and Real Estate	5.3	5.3	5.3	0	0
Services and Mining	32.7	32.8	31.3	- .1	1.4
Government	42.1	43.8	42.5	- 1.7	- .4
Federal Government	17.7	17.6	17.4	.1	.3
State and Local Government	24.4	26.2	25.1	- 1.8	- .7

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	292.9	293.4	285.0	- .5	7.9
MANUFACTURING	29.2	28.7	29.8	.5	- .6
Durable Goods	17.4	17.2	17.7	.2	- .3
Lumber & Wood Products	1.6	1.6	1.7	0	- .1
Stone, Clay and Glass Products	1.9	1.9	1.8	0	.1
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.4	7.2	7.6	.2	- .2
Other Durable Goods 1/	4.2	4.2	4.4	0	- .2
Nondurable Goods	11.8	11.5	12.1	.3	- .3
Food and Kindred Products	6.0	5.7	6.0	.3	0
Apparel & Other Textile Products	.8	.8	.9	0	- .1
Printing and Publishing	2.4	2.4	2.5	0	- .1
Chemicals and Allied Products	1.2	1.2	1.3	0	- .1
Agricultural Chemicals	.6	.6	.6	0	0
Other Nondurable Goods 2/	1.4	1.4	1.4	0	0
NONMANUFACTURING	263.7	264.7	255.2	- 1.0	8.5
Construction	16.7	16.4	16.5	.3	.2
Transportation & Public Utilities	19.6	19.7	19.3	- .1	.3
Railroads	1.4	1.1	1.4	.3	0
Wholesale and Retail Trade	73.5	73.4	69.3	.1	4.2
Wholesale Trade	14.2	14.4	14.5	- .2	- .3
Retail Trade	59.3	59.0	54.8	.3	4.5
Finance, Insurance & Real Estate	15.1	15.0	14.7	.1	.4
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.1	3.1	3.1	0	0
Services and Mining	59.9	59.7	55.8	.2	4.1
Personal Services	4.4	4.4	4.2	0	.2
Government	78.9	80.5	79.6	- 1.6	- .7
Federal Government	37.6	37.3	36.9	.3	.7
State & Local Government	41.3	43.2	42.7	- 1.9	- 1.4

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	445.8	448.3	432.6	- 2.5	13.2
MANUFACTURING	18.1	17.8	17.0	.3	1.1
Durable Goods	10.6	10.4	10.2	.2	.4
Stone, Clay and Glass Products	.9	.9	1.0	0	- .1
Fabricated Metal Products	1.1	1.2	1.1	- .1	0
Machinery, except Electrical	.7	.7	.7	0	0
Electric and Electronic Equipment	5.7	5.5	5.4	.2	.3
Other Durable Goods 1/	2.2	2.1	2.0	.1	.2
Nondurable Goods	7.5	7.4	6.8	.1	.7
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.4	0	.4
Other Nondurable Goods 2/	1.6	1.5	1.3	.1	.3
NONMANUFACTURING	427.7	430.5	415.6	- 2.8	12.1
Mining	.4	.3	.4	.1	0
Construction	29.4	29.4	27.9	0	1.5
Transportation & Public Utilities	29.3	29.3	29.8	0	- .5
Transportation By Air	8.0	8.1	8.7	- .1	- .7
Electric, Gas & Sanitary Service	3.7	3.7	3.5	0	.2
Wholesale and Retail Trade	102.2	102.4	98.1	- .2	4.1
Wholesale Trade	18.1	18.1	18.5	0	- .4
Retail Trade	84.1	84.3	79.6	- .2	4.5
General Merchandise Stores	12.5	12.8	11.5	- .3	1.0
Food Stores	9.4	9.3	9.3	.1	.1
Auto. Dealers & Service Stations	12.4	12.3	12.1	.1	.3
Apparel & Accessory Stores	5.3	5.4	5.2	- .1	.1
Eating & Drinking Places	25.2	25.2	23.4	0	1.8
Finance, Insurance & Real Estate	28.7	28.6	27.5	.1	1.2
Banking	6.3	6.2	6.0	.1	.3
Services	116.9	117.4	114.5	- .5	2.4
Business Services	40.6	40.6	40.0	0	.6
Government	120.8	123.1	117.4	- 2.3	3.4
Federal Government	70.5	70.1	68.6	.4	1.9
State and Local Government	50.3	53.0	48.8	- 2.7	1.5

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	44.9	47.0	48.8	- 2.1	- 3.9
MANUFACTURING	11.0	11.3	11.7	- .3	- .7
Durable Goods	2.3	2.5	2.7	- .2	- .4
Lumber and Wood Products and Furniture & Fixtures	.7	.6	.5	.1	.2
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.2	0	0
Other Durable Goods 1/	1.2	1.5	1.8	- .3	- .6
Nondurable Goods	8.7	8.8	9.0	- .1	- .3
Food and Kindred Products	.4	.4	.3	0	.1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.1	0	0
Chemicals and Allied Products	3.4	3.4	3.5	0	- .1
Other Nondurable Goods 2/	3.8	3.9	4.1	- .1	- .3
NONMANUFACTURING	33.9	35.7	37.1	- 1.8	- 3.2
Construction	2.5	2.5	3.9	0	- 1.4
Transportation and Public Utilities	1.4	1.5	1.5	- .1	- .1
Wholesale and Retail Trade	8.3	8.5	8.1	- .2	.2
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	7.1	7.3	6.9	- .2	.2
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.5	6.6	6.2	- .1	.3
Government	13.9	15.3	16.1	- 1.4	- 2.2
Federal Government	5.0	5.0	6.1	0	- 1.1
State and Local Government	8.9	10.3	10.0	- 1.4	- 1.1

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	327.4	332.7	322.7	- 5.3	4.7
MANUFACTURING	56.4	56.4	54.8	0	1.6
Durable Goods	17.9	17.9	17.8	0	.1
Lumber & Wood Products	1.4	1.5	1.4	- .1	0
Furniture & Fixtures	2.2	2.2	2.1	0	.1
Stone, Clay & Glass Products	1.3	1.4	1.2	- .1	.1
Fabricated Metal Products	2.6	2.5	2.6	.1	0
Fabricated Structural Metal Products	1.9	1.8	1.8	.1	.1
Machinery, except Electrical	2.2	2.1	2.1	.1	.1
Other Durable Goods 1/	8.2	8.2	8.4	0	- .2
Nondurable Goods	38.5	38.5	37.0	0	1.5
Food & Kindred Products	4.2	4.2	4.2	0	0
Bakery Products	1.8	1.8	1.8	0	0
Tobacco Manufactures	12.6	12.7	11.8	- .1	.8
Cigarettes	11.8	11.8	11.2	0	.6
Tobacco Stemming & Redrying	.5	.5	.2	0	.3
Apparel & Other Textile Products	2.1	2.2	2.3	- .1	- .2
Paper & Allied Products	4.2	4.2	4.1	0	.1
Printing and Publishing	5.3	5.3	5.2	0	.1
Commercial Printing	3.0	3.0	2.9	0	.1
Chemicals & Allied Products	7.9	7.8	7.4	.1	.5
Other Nondurable Goods 2/	2.2	2.1	2.0	.1	.2
NONMANUFACTURING	271.0	276.3	267.9	- 5.3	3.1
Mining	.3	.3	.4	0	- .1
Construction	16.4	16.6	17.2	- .2	- .8
Transportation & Public Utilities	20.3	20.3	19.8	0	.5
Wholesale & Retail Trade	74.8	75.0	72.8	- .2	2.0
Wholesale Trade	22.2	22.2	22.1	0	.1
Retail Trade	52.6	52.8	50.7	- .2	1.9
General Merchandise Stores	10.2	10.5	10.3	- .3	- .1
Food Stores	7.4	7.5	7.1	- .1	.3
Auto Dealers & Service Stations	5.7	5.7	5.6	0	.1
Finance, Insurance & Real Estate	27.0	27.0	27.0	0	0
Insurance Carriers and Agents	10.6	10.5	10.4	.1	.2
Services	62.1	62.4	60.0	- .3	2.1
Government	70.1	74.7	70.7	- 4.6	- .6
Federal Government	8.1	8.0	8.2	.1	- .1
State & Local Government	62.0	66.7	62.5	- 4.7	- .5

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	104.1	104.4	105.2	- .3	- 1.1
MANUFACTURING	20.9	21.1	21.1	- .2	- .2
Durable Goods	12.2	12.3	12.3	- .1	- .1
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.2	1.2	1.3	0	- .1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.6	6.7	6.6	- .1	0
Nondurable Goods	8.7	8.8	8.8	- .1	- .1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.7	1.8	- .1	- .2
Apparel & Other Textile Products	1.6	1.7	1.6	- .1	0
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.7	2.6	2.6	.1	.1
NONMANUFACTURING	83.2	83.3	84.1	- .1	- .9
Mining	.1	.1	.1	0	0
Construction	5.2	5.5	6.8	- .3	- 1.6
Transportation & Public Utilities	9.6	8.9	9.6	.7	0
Wholesale & Retail Trade	26.0	25.8	25.4	.2	.6
Wholesale Trade	7.4	7.3	7.3	.1	.1
Retail Trade	18.6	18.5	18.1	.1	.5
Finance, Insurance & Real Estate	6.4	6.4	6.3	0	.1
Services	20.1	20.2	19.8	- .1	.3
Government	15.8	16.4	16.1	- .6	- .3
Federal Government	3.1	3.1	3.3	0	- .2
State & Local Government	12.7	13.3	12.8	- .6	- .1

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	$264.32	$267.33	$245.07	39.1	39.9	38.9	$6.76	$6.70	$6.30
Durable Goods	267.18	270.14	251.66	39.7	40.5	39.2	6.73	6.67	6.42
Lumber and Wood Products	197.69	203.97	174.10	37.8	39.3	37.2	5.23	5.19	4.68
Furniture and Fixtures	179.40	181.70	153.79	39.0	39.5	35.6	4.60	4.60	4.32
Household and Office Furniture	179.40	181.24	151.20	39.0	39.4	35.0	4.60	4.60	4.32
Stone, Clay and Glass Products	245.78	243.14	228.14	39.2	39.6	39.2	6.27	6.14	5.82
Structural Clay Products	195.94	230.26	196.06	36.9	43.2	38.9	5.31	5.33	5.04
Glass and Glass Products	268.81	251.29	259.75	39.3	40.4	39.9	6.84	6.22	6.51
Primary Metal Industries	355.66	369.08	327.62	39.3	41.1	37.4	9.05	8.98	8.76
Fabricated Metal Products	301.64	327.61	308.02	37.8	40.9	41.4	7.98	8.01	7.44
Fabricated Structural Metal Products	326.32	328.79	307.87	42.6	42.7	42.7	7.66	7.70	7.21
Machinery, except Electrical	288.80	288.55	259.69	39.4	39.8	40.2	7.33	7.25	6.46
Construction and Related Machinery	304.88	275.88	246.77	41.2	38.0	38.8	7.40	7.26	6.36
Special Industry Machinery	298.88	339.08	261.00	37.5	41.1	36.1	7.97	8.25	7.23
Refrigeration and Service Machinery	276.05	324.08	260.16	39.1	44.7	41.1	7.06	7.25	6.33
Electric and Electronic Equipment	277.50	271.08	247.29	39.7	40.1	38.7	6.99	6.76	6.39
Communication Equipment	283.85	288.80	276.31	38.1	39.4	39.7	7.45	7.33	6.96
Instruments and Related Products	1) 184.53	1) 189.12	210.26	35.9	37.9	39.3	1) 5.14	1) 4.99	5.35
Miscellaneous Manufacturing Industries	225.72	218.57	168.64	39.6	39.1	31.0	5.70	5.59	5.44
Nondurable Goods	261.80	264.77	239.32	38.5	39.4	38.6	6.80	6.72	6.20
Food and Kindred Products	241.55	245.94	224.26	38.1	39.1	38.8	6.34	6.29	5.78
Tobacco Manufactures	396.75	411.48	385.93	36.2	38.1	39.3	10.96	10.80	9.82
Cigarettes	409.14	427.39	403.52	36.4	38.4	39.6	11.24	11.13	10.19
Textile Mill Products	210.54	214.65	197.39	39.8	40.5	39.4	5.29	5.30	5.01
Weaving Mills, Cotton, Synthetics and Wool	233.79	233.52	211.70	41.6	41.7	40.4	5.62	5.60	5.24
Knitting Mills	181.76	181.76	178.78	37.4	37.4	38.2	4.86	4.86	4.68
Yarn and Thread Mills	194.46	202.06	167.48	42.0	42.9	39.5	4.63	4.71	4.24
Miscellaneous Textile Goods	233.52	232.78	209.48	42.0	42.4	39.6	5.56	5.49	5.29
Apparel and Other Textile Products	159.00	162.50	146.14	35.1	36.6	35.3	4.53	4.44	4.14
Men's and Boys' Suits, Coats and Furnishings	174.08	171.70	163.92	35.6	36.3	38.3	4.89	4.73	4.28
Women's and Children's Outerwear & Undergarments	144.91	152.51	134.06	33.7	35.8	33.1	4.30	4.26	4.05
Paper and Allied Products	354.45	346.94	322.28	41.7	41.8	41.8	8.50	8.30	7.71
Pulp, Paper and Paperboard	417.48	414.64	394.11	42.0	43.6	43.5	9.94	9.51	9.06
Misc. Converted Paper and Paperboard Products, Containers and Boxes	287.32	274.51	247.78	41.4	39.9	39.9	6.94	6.88	6.21
Printing and Publishing	324.63	325.59	287.62	38.6	38.9	37.5	8.41	8.37	7.67
Newspapers and Periodicals	258.63	254.65	243.78	33.2	32.9	34.0	7.79	7.74	7.17
Chemical and Allied Products	350.78	354.28	314.42	40.6	41.1	39.6	8.64	8.62	7.94
Plastic Materials and Synthetics	367.57	369.46	317.17	41.3	41.7	39.4	8.90	8.86	8.05
Agricultural Chemicals	261.21	248.40	212.04	41.2	40.0	37.2	6.34	6.21	5.70
Leather and Leather Products	142.30	152.08	140.16	36.3	38.6	38.4	3.92	3.94	3.65

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	$217.80	$216.81	$206.27	36.3	36.5	36.9	$6.00	$5.94	$5.59
Durable Goods	278.90	270.47	247.50	39.9	39.6	39.1	6.99	6.83	6.33
Fabricated Metal Products	1) 339.18	1) 314.83	333.16	38.5	38.3	39.9	1) 8.81	1) 8.22	8.35
Machinery and Transportation Equipment	261.55	267.81	240.00	40.3	40.7	40.0	6.49	6.58	6.00
Nondurable Goods	155.18	162.32	155.48	32.6	33.4	33.8	4.76	4.86	4.60
Food and Kindred Products	190.74	196.18	180.62	33.7	34.0	32.9	5.66	5.77	5.49
Apparel and Other Textile Products	123.11	130.93	122.20	30.1	31.1	32.5	4.09	4.21	3.76

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	$274.32	$269.84	$241.96	41.5	40.7	39.6	$6.61	$6.63	$6.11
Durable Goods	285.32	281.18	259.77	40.3	40.4	40.4	7.08	6.96	6.43
Lumber and Wood Products and Furniture and Fixtures	170.94	179.17	169.30	35.1	37.8	39.1	4.87	4.74	4.33
Nondurable Goods	261.19	253.79	220.02	43.1	41.2	38.6	6.06	6.16	5.70
Food and Kindred Products	1) 262.25	1) 258.07	222.38	1) 40.1	1) 39.4	39.5	1) 6.54	1) 6.55	5.63
Textile Mill Products	216.12	225.68	223.11	38.8	40.3	40.2	5.57	5.60	5.55
Apparel and Other Textile Products	152.44	151.20	122.62	37.0	37.8	32.7	4.12	4.00	3.75
Paper and Allied Products	380.77	377.95	350.09	50.3	49.6	49.8	7.57	7.62	7.03

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 18,800 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	$290.79	$288.23	$261.88	40.5	41.0	39.5	$7.18	$7.03	$6.63
Durable Goods	315.12	311.44	277.46	41.3	42.2	39.3	7.63	7.38	7.06
Lumber and Wood Products	230.89	267.72	200.58	37.3	47.3	38.5	6.19	5.66	5.21
Stone, Clay, and Glass Products	278.26	253.37	208.95	40.8	39.1	35.0	6.82	6.48	5.97
Fabricated Metal Products	217.15	232.16	239.57	37.7	38.5	43.4	5.76	6.03	5.52
Machinery, except Electrical	260.30	252.28	230.08	40.8	41.7	39.6	6.38	6.05	5.81
Transportation Equipment	389.39	384.12	341.14	44.4	44.0	41.3	8.77	8.73	8.26
Nondurable Goods	245.07	246.87	233.81	38.9	39.0	39.9	6.30	6.33	5.86
Food and Kindred Products	238.00	243.00	231.68	40.0	40.5	42.2	5.95	6.00	5.49
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	245.15	242.18	204.56	37.2	37.9	33.7	6.59	6.39	6.07

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,300 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	$292.39	$289.25	$271.21	39.3	39.3	38.8	$7.44	$7.36	$6.99
Durable Goods	282.05	279.57	256.46	40.7	40.4	39.7	6.93	6.92	6.46
Stone, Clay, and Glass Products	254.31	242.42	221.74	38.3	36.4	38.1	6.64	6.66	5.82
Fabricated Metal Products	315.88	318.38	265.28	42.4	43.2	39.3	7.45	7.37	6.75
Electric and Electronic Equipment	1) 290.37	1) 290.07	287.85	41.9	42.1	41.9	1) 6.93	1) 6.89	6.87
Nondurable Goods	306.68	302.73	288.33	37.4	37.7	37.3	8.20	8.03	7.73
Food and Kindred Products	310.80	318.20	310.16	40.0	40.9	41.8	7.77	7.78	7.42

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,500 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	$293.36	$341.88	$300.99	34.8	40.7	39.5	$8.43	$8.40	$7.62
Durable Goods	1) 175.90	1) 202.31	176.47	1) 36.8	1) 40.3	38.7	1) 4.78	1) 5.02	4.56
Lumber and Wood Products and Furniture and Fixtures	1) 217.98	1) 270.05	134.74	1) 41.6	1) 49.1	33.6	1) 5.24	1) 5.50	4.01
Nondurable Goods	321.39	381.07	338.24	34.3	40.8	39.7	9.37	9.34	8.52
Food & Kindred Products	223.00	216.12	225.22	39.4	38.8	40.8	5.66	5.57	5.52
Chemicals & Allied Products	392.08	430.92	371.33	37.7	42.0	39.8	10.40	10.26	9.33

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,800 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	$340.95	$352.00	$315.12	39.1	40.0	39.0	$8.72	$8.80	$8.08
Durable Goods	309.66	328.44	299.15	39.0	40.8	40.1	7.94	8.05	7.46
Lumber and Wood Products	186.94	196.00	189.66	36.8	39.2	41.5	5.08	5.00	4.57
Furniture and Fixtures	173.53	189.68	178.79	37.0	39.6	38.7	4.69	4.79	4.62
Primary Metal Industries	503.87	556.50	489.98	40.7	42.0	40.9	12.38	13.25	11.98
Fabricated Metal Products	369.02	415.52	357.75	38.4	42.4	39.4	9.61	9.80	9.08
Fabricated Structural Metal Products	405.73	466.96	398.19	38.9	43.6	40.1	10.43	10.71	9.93
Nondurable Goods	353.98	354.12	323.26	39.2	39.7	38.9	9.03	8.92	8.31
Food and Kindred Products	222.58	250.92	206.91	35.9	40.8	36.3	6.20	6.15	5.70
Tobacco Manufactures	421.09	423.29	406.46	37.8	38.1	39.5	11.14	11.11	10.29
Cigarettes	429.75	428.24	413.12	38.2	38.1	39.8	11.25	11.24	10.38
Apparel and Other Textile Products	181.80	187.46	153.51	40.4	41.2	35.7	4.50	4.55	4.30
Paper and Allied Products	314.11	307.34	282.50	40.9	40.6	40.3	7.68	7.57	7.01
Printing and Publishing	350.74	346.63	309.82	38.5	38.6	37.6	9.11	8.98	8.24
Chemicals and Allied Products	391.55	384.56	348.40	41.0	40.1	40.0	9.55	9.59	8.71

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	$264.22	$246.87	$223.68	40.4	39.0	38.9	$6.54	$6.33	$5.75
Durable Goods	268.96	250.19	223.49	41.0	39.4	38.8	6.56	6.35	5.76
Fabricated Metal Products	259.53	247.25	215.03	42.2	40.6	39.6	6.15	6.09	5.43
Fabricated Structural Metal Products	275.82	254.52	219.45	43.3	40.4	39.9	6.37	6.30	5.50
Nondurable Goods	258.84	242.94	224.62	39.7	38.5	39.2	6.52	6.31	5.73
Food and Kindred Products	260.45	269.06	243.45	43.7	44.4	45.0	5.96	6.06	5.41
Textile Mill Products	188.86	181.55	175.12	38.7	36.9	37.5	4.88	4.92	4.67

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
Virginia	$264.32	$267.33	$245.07	$207.87	$209.95	$195.79	$227.19	$229.46	$213.96
Bristol Area	217.80	216.81	206.27	175.33	174.16	168.06	192.05	191.28	184.20
Lynchburg SMSA	274.32	269.84	241.96	214.65	211.64	193.62	234.73	231.35	211.79
Norfolk-Virginia Beach-Portsmouth SMSA	290.79	288.23	261.88	225.75	224.02	207.54	247.14	245.21	226.72
Northern Virginia Area	292.39	289.25	271.21	226.82	225.71	213.97	248.35	245.98	233.80
Petersburg-Colonial Heights-Hopewell SMSA	293.36	341.88	300.99	227.48	258.79	234.18	249.08	284.56	256.39
Richmond SMSA	340.95	352.00	315.12	258.20	265.20	243.48	283.89	291.88	266.84
Roanoke SMSA	264.22	246.87	223.68	207.80	195.76	180.75	227.12	214.05	197.74

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	July 2/ 1981	June 1981	July 1980	June 1980
NONAGRICULTURAL	2,121.7	2,130.2	2,090.4	2,099.1
MANUFACTURING	407.0	409.6	399.4	406.2
Durable Goods	186.1	187.2	179.0	182.4
Lumber & Wood Products	23.8	23.4	22.3	22.3
Furniture and Fixtures	26.5	26.4	22.6	25.9
Stone, Clay and Glass Products	12.2	12.2	12.1	12.1
Primary Metal Industries	10.6	11.6	10.2	12.2
Fabricated Metal Products	20.8	20.8	20.4	20.5
Machinery, except Electrical	14.0	14.0	14.9	14.8
Electric and Electronic Equipment	34.5	34.0	33.2	32.5
Transportation Equipment	36.5	36.8	36.1	34.3
Instruments and Related Products	4.0	4.1	4.0	4.0
Nondurable Goods	220.9	222.6	220.4	224.0
Food and Kindred Products	40.1	41.7	42.2	42.9
Tobacco Manufactures	16.5	17.0	16.3	16.7
Textile Mill Products	44.8	44.9	42.8	44.3
Apparel and Other Textile Products	34.1	34.2	34.6	34.6
Paper and Allied Products	14.5	14.3	14.5	14.6
Printing and Publishing	22.0	22.0	21.7	22.0
Chemicals and Allied Products	32.7	32.9	32.5	33.2
Leather and Leather Products	3.5	3.4	3.5	3.5
MINING	22.1	21.8	22.1	22.4
Bituminous Coal and Lignite Mining	19.3	18.9	19.0	19.1
CONTRACT CONSTRUCTION	110.4	111.6	119.8	119.6
TRANSPORTATION & PUBLIC UTILITIES	117.6	115.6	114.5	114.0
Railroad Transportation	15.2	13.0	14.2	14.3
Trucking and Warehousing	28.8	28.9	28.9	29.2
Transportation by Air	11.1	11.2	10.9	11.2
Communication	29.9	30.1	29.1	28.8
Electric, Gas and Sanitary Services	17.4	17.5	16.4	16.4
WHOLESALE AND RETAIL TRADE	457.2	458.9	444.9	443.2
Wholesale Trade	105.3	105.8	104.0	103.5
Retail Trade	351.8	354.8	340.9	341.4
General Merchandise Stores	57.6	58.1	56.4	56.2
Food Stores	56.2	56.4	54.2	53.7
FINANCE, INSURANCE & REAL ESTATE	106.9	106.6	104.1	103.9
Banking	31.2	31.0	30.9	30.6
Insurance Carriers	20.2	20.3	19.9	19.9
SERVICES	397.0	396.8	383.5	380.7
Personal Services	25.2	25.2	25.2	24.9
Business Services	76.8	77.2	74.7	74.8
GOVERNMENT	503.4	509.4	501.5	508.8
Federal Government	157.6	156.1	156.3	158.6
State and Local Government	345.1	352.5	344.5	349.4
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.2	39.6	39.0	38.8
Durable Goods	40.1	40.3	39.6	38.9
Lumber and Wood Products	37.8	38.6	37.2	36.1
Furniture and Fixtures	38.2	39.3	34.9	36.8
Household & Office Furniture	38.2	39.2	34.2	36.4
Stone, Clay & Glass Products	39.2	39.4	40.9	40.8
Primary Metal Industries	39.6	41.0	37.7	36.1
Fabricated Metal Products	38.2	40.6	41.9	40.2
Fabricated Structural Metal Products	43.3	42.5	43.4	41.9
Machinery, except Electrical	40.5	39.6	41.4	39.9
Electric and Electronic Equipment	39.9	40.0	38.9	39.2
Instruments & Related Products	36.4	37.4	39.8	40.0
Miscellaneous Manufacturing Industries	40.7	38.3	31.9	36.5
Nondurable Goods	38.6	39.0	38.7	38.7
Food & Kindred Products	37.3	38.6	38.0	37.8
Tobacco Manufactures	36.2	37.2	40.0	39.2
Cigarettes	36.1	38.0	40.1	40.0
Textile Mill Products	39.4	40.0	39.0	38.8
Weaving Mills, Cotton, Synthetics and Wool	41.8	41.7	40.6	39.8
Knitting Mills	36.6	36.2	37.4	37.3
Apparel & Other Textile Products	35.0	35.5	35.2	35.9
Men's and Boys' Suits, Coats and Furnishings	34.5	35.0	36.7	36.7
Women's and Children's Outerwear & Undergarments	33.9	34.8	32.9	34.8
Paper & Allied Products	42.4	42.2	42.5	41.5
Pulp, Paper and Paperboard	42.8	44.4	44.4	43.3
Printing and Publishing	38.8	39.4	37.3	39.4
Newspapers and Periodicals	33.8	32.8	35.3	35.8
Chemicals & Allied Products	40.9	41.0	39.9	41.2
Plastics Materials & Synthetics	41.2	41.3	39.4	41.0
Agricultural Chemicals	43.9	40.7	39.6	41.1
Leather & Leather Products	35.8	37.7	37.8	35.4

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1972 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	101.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,881.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2.044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.2
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	511.8
March	2,154.7	413.3	25.3	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	513.3
May	2,122.7	412.0	13.1	113.0	114.4	455.7	107.5	396.4	512.3
June	2,130.2	409.6	21.8	111.6	115.6	458.9	106.6	396.8	509.4
July	2,121.7	407.0	22.1	110.4	117.6	457.2	106.9	397.0	503.4
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

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NUMBER 9

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ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

September 1981

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
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NONFARM EMPLOYMENT PICTURE BRIGHTENS
SECOND HIGHEST MONTH ON RECORD

EMPLOYMENT IN NONAGRICULTURAL ESTABLISHMENTS ACROSS THE COMMONWEALTH REGISTERED A PLUS 1,300 IN AUGUST 1981 AND RAISED THE WORKER COUNT TO 2,151,500. This was the second highest figure on record and was exceeded only by June 1981's total of 2,164,300. Increases in manufacturing, trade and mining were the bright spots of the employment picture while shadows were cast by declines in services, government, construction and transportation and public utilities. The hue of finance, insurance and real estate's worker total remained unchanged over the month. While the economy continued to resist recessionary trends, resilience was reflected in some ways while teetering in others. Housing and autos remained trouble spots while firms in energy, high technology and defense displayed evidence of being good performers.

MANUFACTURERS UPPED THEIR PAYROLLS BY 1,900 TO 408,500 IN AUGUST. Much of this increase stems from the return to work of persons who were on unpaid vacations during the July reference period. In the durable goods division, furniture and primary metals had increases because of this. However, among nondurable goods producers, textile and apparel workers who were off for vacations returned to their jobs but further reductions were posted in August as different plants noted cutbacks and unpaid vacations. Despite new contract awards to shipyards, the transportation equipment sector moved down due to problems in truck plants. Also, industries that supply building materials experienced retrenchment in employment due to the slackness of construction. Seasonal hirings made by food and tobacco processors allowed nondurable goods to show an over-the-month rise. The state's 311,800 factory production workers received an average weekly earning of $270.28 in August. This was $4.11 more than in July and $22.54 above a year ago. The average workweek rose two-tenths of an hour between July and August to average 39.4 hours. Hourly earnings averaged $6.86 - up seven cents over July 1981 and 54 cents ahead of August 1980. Weekly earnings in the major metropolitan areas were both up and down over the month with the Petersburg Area showing the greatest rise - a plus $19.52. Trends of weekly hours and hourly earnings were also mixed in the areas.

TRADE ESTABLISHMENTS, BOTH WHOLESALE AND RETAIL, AUGMENTED THEIR STAFFS TO A LEVEL THAT WAS SECOND ONLY TO THE DECEMBER 1980 PEAK. Since retail inventories in July were unusually high, merchants tried to stimulate buying with end-of-summer and back-to-school sales. Gains were generally small but widespread among department stores, variety stores, apparel shops and miscellaneous retail stores. Sales of big items that required financing remained sluggish due to continuing high interest rates. While the finance, insurance and real estate division maintained last month's level of employment, consumers of credit were cautious of taking on new debt and the number of customers with credit cards has decreased.

SERVICES AND GOVERNMENT EMPLOYMENT WERE ON THE WANE DURING AUGUST. The languid performance of services was primarily the result of a

NONFARM EMPLOYMENT PICTURE BRIGHTENS
SECOND HIGHEST MONTH ON RECORD

(continued from page 1)

less than hoped for tourist season. Government's receding workforce was the result of air controllers leaving their jobs and cutbacks in federal spending. State and local government felt the pressure of reduced funds. However, local government employment was up due to school systems preparing for the fall term.

THE TRANSPORTATION AND PUBLIC UTILITIES PORTION OF THE ECONOMY, AS WELL AS CONSTRUCTION, WAS ALSO ON THE DOWNTREND. Reduced air traffic and fewer stevedores being used were the causative factors behind transportation's drop. The doldrums of construction remained and the August decrease was unusual since good summer weather normally permits builders to accelerate activity. Construction's crunch remains the same old story — too high interest rates and too tight mortgage money.

THE BUREAU OF LABOR STATISTICS' PRODUCERS PRICE INDEX for all commodities in August was 296.2 (1967=100), up 0.1 percent over the month and 8.4 percent over a year earlier. The index for finished goods in August 1981 was 271.2, while in July the index was 271.3 (1967=100). This was a 7.9 percent increase over August 1980.

THE ALL URBAN CONSUMER PRICE INDEX rose 0.8 percent in August. The index (U. S. City Average) at 276.5 (1967=100) was up 10.9 percent over August 1980. The Urban Wage Earners and Clerical Workers Index rose 0.7 percent to 276.5 (1967=100) in August 1981 for an over-the-year increase of 10.8 percent.

THE SEPTEMBER 1981 CONSUMER PRICE INDEX DATA will be released on October 23, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES[1]

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed [2]			Unemployed			Per Cent of Labor Force		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
United States	108,408,000	107,621,000	106,997,000	100,474,000	99,341,000	98,587,000	7,934,000	8,279,000	8,410,000	7.3	7.7	7.9
Virginia	2,567,200	2,599,800	2,567,100	2,415,500	2,442,200	2,421,800	151,700	157,600	145,300	5.9	6.1	5.7
Bristol Area	39,620	39,480	39,760	36,630	36,960	36,830	2,990	2,520	2,930	7.6	6.4	7.9
Lynchburg SMSA	73,420	76,710	76,410	69,010	72,080	71,220	4,410	4,630	5,190	6.0	6.0	6.8
Newport News-Hampton SMSA	174,200	177,550	172,100	163,390	165,920	162,950	10,810	11,630	9,150	6.2	6.5	5.3
Norfolk-Virginia Beach-Portsmouth SMSA	337,420	341,030	331,600	316,670	318,180	311,810	20,750	22,850	19,790	6.1	6.7	6.0
Northern Virginia Area	585,600	589,400	576,700	563,200	564,800	556,800	22,400	24,600	19,900	3.8	4.2	3.5
Petersburg-Colonial Heights-Hopewell SMSA	58,010	60,810	62,870	53,440	56,180	58,690	4,570	4,630	4,180	7.9	7.6	6.6
Richmond SMSA	332,700	339,900	330,200	318,440	324,920	317,640	14,260	14,980	12,560	4.3	4.4	3.8
Roanoke SMSA	111,640	111,980	113,910	105,110	105,740	107,450	6,530	6,240	6,460	5.8	5.6	5.7

[1] **All data adjusted to a place-of-residence basis**

[2] Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees) August 1981	July 1981	August 1980	NET CHANGE FROM July 1981	August 1980
NONAGRICULTURAL 1/	2,151.5	2,150.2	2,124.1	1.3	27.4
MANUFACTURING	408.5	406.6	405.5	1.9	3.0
Durable Goods	188.1	186.9	184.9	1.2	3.2
Lumber and Wood Products	24.1	24.3	23.0	- .2	1.1
Millwork, Plywood and Structural Members	6.5	6.7	6.1	- .2	.4
Wood Containers	1.9	2.0	1.9	- .1	0
Wood Buildings and Mobile Homes	3.1	3.1	3.3	0	- .2
Miscellaneous Wood Products	2.1	2.1	2.0	0	.1
Furniture and Fixtures	26.0	25.7	25.3	.3	.7
Household and Office Furniture	24.3	24.1	23.7	.2	.6
Stone, Clay and Glass Products	12.6	12.5	12.4	.1	.2
Structural Clay Products	.8	.9	.9	- .1	- .1
Concrete Gypsum and Plaster Products	7.3	7.3	7.2	0	.1
Glass and Glass Products	1.7	1.7	1.6	0	.1
Primary Metal Industries	11.6	10.4	11.4	1.2	.2
Fabricated Metal Products	20.8	20.8	20.4	0	.4
Fabricated Structural Metal Products	12.9	12.8	12.9	.1	0
Machinery, except Electrical	14.3	14.2	15.2	.1	- .9
Construction and Related Machinery	4.2	4.3	4.6	- .1	- .4
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.1	2.1	1.9	0	.2
Electric and Electronic Equipment	34.3	34.4	33.1	- .1	1.2
Communication Equipment	11.7	11.7	11.3	0	.4
Electronic Components and Accessories	5.8	5.8	5.2	0	.6
Transportation Equipment	36.9	37.1	36.6	- .2	.3
Instruments and Related Products	4.1	4.1	4.0	0	.1
Miscellaneous Manufacturing Industries	3.4	3.4	3.5	0	- .1
Nondurable Goods	220.4	219.7	220.6	.7	- .2
Food and Kindred Products	40.3	39.9	41.2	.4	- .9
Meat Products	13.1	12.6	13.3	.5	- .2
Dairy Products	3.0	3.0	2.6	0	.4
Preserved Fruits and Vegetables	2.5	2.0	3.2	.5	- .7
Bakery Products	4.8	4.9	4.9	- .1	- .1
Beverages	5.9	5.8	5.8	.1	.1
Tobacco Manufactures	17.2	15.7	16.5	1.5	.7
Cigarettes	14.1	14.1	13.7	0	.4
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	2.7	1.2	2.4	1.5	.3
Textile Mill Products	44.4	44.8	44.5	- .4	- .1
Weaving Mills, Cotton, Synthetics and Wool	18.6	18.9	18.9	- .3	- .3
Narrow Fabric Mills	1.0	1.0	1.1	0	- .1
Knitting Mills	14.1	14.1	13.9	0	.2
Textile Finishing, except Wool	4.8	4.9	4.7	- .1	.1
Yarn and Thread Mills	3.1	3.0	3.0	.1	.1
Miscellaneous Textile Goods	1.3	1.3	1.2	0	.1
Apparel and Other Textile Products	33.4	34.1	33.6	- .7	- .2
Men's and Boys' Suits, Coats and Furnishings	12.3	12.6	13.7	- .3	- 1.4
Women's and Children's Outerwear & Undergarments	17.4	17.7	16.2	- .3	1.2
Miscellaneous Fabricated Textile Products	1.7	1.8	1.6	- .1	.1
Paper and Allied Products	14.5	14.6	14.4	- .1	.1
Pulp, Paper and Paperboard	7.9	7.8	7.7	.1	.2
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.9	6.0	6.0	- .1	- .1
Miscellaneous Converted Paper Products	2.3	2.3	2.4	0	- .1
Paperboard Containers and Boxes	3.6	3.7	3.6	- .1	0
Printing and Publishing	21.8	22.1	22.0	- .3	- .2
Newspapers and Periodicals	8.3	8.2	8.6	.1	- .3
Commercial Printing	8.0	8.3	8.2	- .3	- .2
Chemicals and Allied Products	33.1	33.0	32.8	.1	.3
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	19.5	19.5	19.4	0	.1
Drugs	2.8	2.8	2.7	0	.1
Agricultural Chemicals	1.5	1.5	1.5	0	0
Miscellaneous Chemical Products	3.6	3.6	3.3	0	.3
Petroleum, Rubber and Misc. Plastics Products	12.1	11.9	11.9	.2	.2
Miscellaneous Plastics Products	5.9	5.7	5.5	.2	.4
Rubber and Rubber Products	5.8	5.9	6.0	- .1	- .2
Leather and Leather Products	3.6	3.6	3.7	0	- .1

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
(Continued from page 4)					
NONMANUFACTURING	1,743.0	1,743.6	1,718.6	.6	24.4
Mining	24.1	23.9	23.9	.2	.2
Bituminous Coal and Lignite Mining	21.3	21.1	20.7	.2	.6
Construction	118.8	119.2	129.4	- .4	- 10.6
Transportation and Public Utilities	118.6	118.9	115.5	- .3	3.1
Railroad Transportation	15.0	15.0	14.4	0	.6
Trucking and Warehousing	29.5	29.4	29.6	.1	- .1
Transportation by Air	11.1	11.2	11.0	- .1	.1
Communication	30.2	30.2	29.3	0	.9
Electric, Gas and Sanitary Services	17.7	17.7	16.6	0	1.1
Wholesale and Retail Trade	464.2	462.6	451.2	1.6	13.0
Wholesale	106.0	105.7	105.3	.3	.7
Wholesale Trade Durable Goods	64.1	64.0	64.1	.1	0
Wholesale Trade Nondurable Goods	41.9	41.7	41.2	.2	.7
Retail	358.2	356.9	345.9	1.3	12.3
General Merchandise Stores	56.1	55.6	54.5	.5	1.6
Department Stores	40.8	40.7	40.3	.1	.5
Variety Stores	9.5	9.2	8.9	.3	.6
Food Stores	56.5	56.6	54.8	- .1	1.7
Automotive Dealers and Service Stations	46.6	46.4	46.8	.2	- .2
Furniture and Home Furnishings Stores	15.8	15.7	15.6	.1	.2
Miscellaneous Retail	44.1	43.6	43.2	.5	.9
Finance, Insurance and Real Estate	109.5	109.5	106.6	0	2.9
Banking	31.7	31.6	31.3	.1	.4
Insurance Carriers	20.3	20.3	19.8	0	.5
Real Estate	25.3	25.3	23.7	0	1.6
Services	409.7	410.9	395.2	- 1.2	14.5
Personal Services	24.6	24.6	24.4	0	.2
Business Services	79.2	79.3	76.6	- .1	2.6
Auto and Miscellaneous Repair Service	18.7	18.8	18.6	- .1	.1
Health Services	105.9	105.6	102.1	.3	3.8
Government	498.1	498.6	496.8	- .5	1.3
Federal Government	158.8	159.6	156.0	- .8	2.8
State and Local Government	339.3	339.0	340.8	.3	- 1.5
State Government	112.8	113.1	115.6	- .3	- 2.8
Local Government	226.5	225.9	225.2	.6	1.3

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1980
JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.9	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,164.3	409.2	23.5	119.0	117.2	462.1	109.0	408.3	516.0
July	2,150.2	406.6	23.9	119.2	118.9	462.6	109.5	410.9	498.6
August	2,151.5	408.5	24.1	118.8	118.6	464.2	109.5	409.7	498.1
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the countires of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL 1/	908.4	908.1	883.5	.3	24.9
MANUFACTURING	144.3	144.4	142.8	- .1	1.5
Durable Goods	45.7	45.5	44.1	.2	1.6
Lumber and Wood Products	4.3	4.3	4.1	0	.2
Furniture and Fixtures	8.9	8.9	8.6	0	.3
Stone, Clay and Glass Products	1.4	1.3	1.3	.1	.1
Primary Metal Industries	2.0	1.9	2.0	.1	0
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.3	2.3	2.4	0	- .1
Electric and Electronic Equipment	15.4	15.4	14.8	0	.6
Transportation Equipment	4.8	4.9	4.8	- .1	0
Instruments and Related Products	1.8	1.7	1.6	.1	.2
Miscellaneous Manufacturing Industries	1.2	1.2	1.1	0	.1
Nondurable Goods	98.6	98.9	98.7	- .3	- .1
Food and Kindred Products	14.4	14.2	14.7	.2	- .3
Tobacco Manufactures	5.7	5.2	5.5	.5	.2
Textile Mill Products	24.3	24.6	24.4	- .3	- .1
Apparel and Other Textile Products	29.9	30.5	30.1	- .6	- .2
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.9	7.9	7.7	0	.2
Chemicals and Allied Products	8.7	8.7	8.4	0	.3
Petroleum, Rubber and Misc. Plastics Products	2.6	2.6	2.6	0	0
Leather and Leather Products	2.6	2.7	2.8	- .1	- .2
NONMANUFACTURING	764.1	763.7	740.7	.4	23.4
Mining	.7	.7	.6	0	.1
Construction	8.0	8.0	7.8	0	.2
Transportation and Public Utilities	29.6	29.7	28.4	- .1	1.2
Wholesale and Retail Trade	195.3	194.0	186.5	1.3	8.8
Wholesale Trade	21.6	21.3	20.6	.3	1.0
Retail Trade	173.7	172.7	165.9	1.0	7.8
Finance, Insurance and Real Estate	63.0	63.0	60.9	0	2.1
Services	226.7	227.7	218.6	- 1.0	8.1
Government	240.8	240.6	237.9	.2	2.9
Federal Government	57.5	57.7	55.5	- .2	2.0
State and Local Government	183.3	182.9	182.4	.4	.9

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
MANUFACTURING	311.8	310.3	309.4	1.5	2.4
Durable Goods	141.4	140.6	138.9	.8	2.5
Lumber and Wood Products	20.5	20.6	19.5	- .1	1.0
Millwork, Plywood and Structural Members	5.5	5.6	5.0	- .1	.5
Wood Containers	1.8	1.8	1.6	0	.2
Wood Buildings and Mobile Homes	2.2	2.2	2.5	0	- .3
Miscellaneous Wood Products	1.8	1.9	1.8	- .1	0
Furniture and Fixtures	21.9	21.6	21.3	.3	.6
Household and Office Furniture	20.7	20.4	20.2	.3	.5
Stone, Clay and Glass Products	9.8	9.8	9.7	0	.1
Structural Clay Products	.7	.7	.8	0	- .1
Concrete Gypsum and Plaster Products	5.8	5.8	5.7	0	.1
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	6.3	5.2	6.0	1.1	.3
Fabricated Metal Products	13.6	13.6	13.2	0	.4
Fabricated Structural Metal Products	7.5	7.4	7.5	.1	0
Machinery, except Electrical	9.6	9.6	10.6	0	- 1.0
Construction and Related Machinery	2.4	2.5	2.8	- .1	- .4
Special Industry Machinery	1.4	1.4	1.5	0	- .1
Refrigeration and Service Machinery	1.4	1.4	1.2	0	.2
Electric and Electronic Equipment	23.0	23.2	22.3	- .2	.7
Communication Equipment	7.4	7.4	7.0	0	.4
Electronic Components and Accessories	3.6	3.6	3.3	0	.3
Transportation Equipment	31.5	31.8	31.3	- .3	.2
Instruments and Related Products	2.5	2.5	2.4	0	.1
Miscellaneous Manufacturing Industries	2.7	2.7	2.6	0	.1
Nondurable Goods	170.4	169.7	170.5	.7	- .1
Food and Kindred Products	29.2	28.8	29.7	.4	- .5
Meat Products	11.2	10.8	11.4	.4	- .2
Dairy Products	1.6	1.6	1.3	0	.3
Preserved Fruits and Vegetables	2.0	1.5	2.5	.5	- .5
Bakery Products	2.3	2.4	2.5	- .1	- .2
Beverages	2.5	2.5	2.4	0	.1
Tobacco Manufactures	12.5	11.1	12.2	1.4	.3
Cigarettes	10.4	10.3	10.2	.1	.2
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.8	.5	1.7	1.3	.1
Textile Mill Products	39.8	40.2	39.8	- .4	0
Weaving Mills, Cotton, Synthetics and Wool	16.3	16.6	16.6	- .3	- .3
Narrow Fabric Mills	1.0	1.0	1.0	0	0
Knitting Mills	13.0	13.1	12.8	- .1	.2
Textile Finishing, except Wool	4.4	4.5	4.3	- .1	.1
Yarn and Thread Mills	2.8	2.7	2.7	.1	.1
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	30.2	30.9	30.4	- .7	- .2
Men's and Boys' Suits, Coats and Furnishings	11.2	11.5	12.6	- .3	- 1.4
Women's and Children's Outerwear & Undergarments	16.0	16.3	14.7	- .3	1.3
Miscellaneous Fabricated Textile Products	1.4	1.4	1.2	0	.2
Paper and Allied Products	10.9	11.0	10.9	- .1	0
Pulp, Paper and Paperboard	5.5	5.5	5.4	0	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	4.9	5.0	4.9	- .1	0
Miscellaneous Converted Paper Products	2.0	2.0	2.0	0	0
Paperboard Containers and Boxes	2.9	3.0	2.9	- .1	0
Printing and Publishing	12.9	13.1	12.8	- .2	.1
Newspapers and Periodicals	3.0	2.9	3.0	.1	0
Commercial Printing	6.2	6.4	6.4	- .2	- .2
Chemicals and Allied Products	22.5	22.4	22.3	.1	.2
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.4	14.3	14.2	.1	.2
Drugs	1.4	1.4	1.3	0	.1
Agricultural Chemicals	.7	.8	.9	- .1	- .2
Miscellaneous Chemical Products	2.4	2.4	2.2	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.2	9.0	9.0	.2	.2
Miscellaneous Plastics Products	4.4	4.2	4.0	.2	.4
Rubber and Rubber Products	4.6	4.6	4.7	0	- .1
Leather and Leather Products	3.2	3.2	3.4	0	- .2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	29.0	28.9	28.1	.1	.9
MANUFACTURING	9.6	9.7	9.3	-.1	.3
Durable Goods	4.6	4.7	4.6	-.1	0
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	-.1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.2	2.1	-.1	0
Other Durable Goods 1/	2.0	2.0	1.9	0	.1
Nondurable Goods	5.0	5.0	4.7	0	.3
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	2.0	0	.1
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.4	0	.1
NONMANUFACTURING	19.4	19.2	18.8	.2	.6
Construction	1.6	1.6	1.4	0	.2
Transportation & Public Utilities	1.3	1.3	1.1	0	.2
Trade	6.9	6.7	6.6	.2	.3
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.2	5.0	4.9	.2	.3
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.9	3.8	3.8	.1	.1
Government	4.7	4.8	4.9	-.1	-.2
State and Local Government	4.4	4.5	4.5	-.1	-.1

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	70.3	68.7	71.1	1.6	-.8
MANUFACTURING	29.0	27.6	28.6	1.4	.4
Durable Goods	18.7	17.0	18.4	1.7	.3
Lumber and Wood Products and Furniture and Fixtures	4.2	3.9	4.0	.3	.2
Other Durable Goods 1/	14.5	13.1	14.4	1.4	.1
Nondurable Goods	10.3	10.6	10.2	-.3	.1
Food and Kindred Products	1.8	1.8	1.7	0	.1
Textile Mill Products	1.8	1.8	1.6	0	.2
Apparel & Other Textile Products	2.2	2.4	2.3	-.2	-.1
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.4	3.5	3.6	-.1	-.2
NONMANUFACTURING	41.3	41.1	42.5	.2	-1.2
Construction	3.5	3.5	4.1	0	-.6
Transportation and Public Utilities	2.6	2.6	2.8	0	-.2
Wholesale and Retail Trade	11.2	11.2	11.6	0	-.4
Wholesale Trade	2.2	2.2	2.2	0	0
Retail Trade	9.0	9.0	9.4	0	-.4
Finance, Insurance and Real Estate	3.7	3.6	3.7	.1	0
Services and Mining	10.5	10.5	10.7	0	-.2
Government	9.8	9.7	9.6	.1	.2

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	159.0	158.6	155.3	.4	3.7
MANUFACTURING	35.2	35.4	34.8	- .2	.4
Durable Goods	28.4	28.6	28.3	- .2	.1
Stone, Clay & Glass Products	.5	.5	.6	0	- .1
Transportation Equipment	24.5	24.6	24.2	- .1	.3
Other Durable Goods 1/	3.4	3.5	3.5	- .1	- .1
Nondurable Goods	6.8	6.8	6.5	0	.3
Food & Kindred Products	3.0	3.0	3.0	0	0
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.6	0	0
Printing and Publishing	1.2	1.2	1.1	0	.1
Other Nondurable Goods 2/	2.0	2.0	1.8	0	.2
NONMANUFACTURING	123.8	123.2	120.5	.6	3.3
Construction	7.4	7.3	7.4	.1	0
Transportation and Public Utilities	5.3	5.4	5.3	- .1	0
Wholesale and Retail Trade	30.1	29.9	29.4	.2	.7
Wholesale Trade	3.5	3.4	3.4	.1	.1
Retail Trade	26.6	26.5	26.0	.1	.6
Finance, Insurance and Real Estate	5.4	5.3	5.3	.1	.1
Services and Mining	33.6	33.2	30.7	.4	2.9
Government	42.0	42.1	42.4	- .1	- .4
Federal Government	17.5	17.7	17.1	- .2	.4
State and Local Government	24.5	24.4	25.3	.1	- .8

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	293.1	292.7	284.0	.4	9.1
MANUFACTURING	29.4	29.3	29.2	.1	.2
Durable Goods	17.6	17.5	17.1	.1	.5
Lumber & Wood Products	1.6	1.6	1.6	0	0
Stone, Clay and Glass Products	1.9	2.0	1.7	- .1	.2
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.8	7.4	7.2	.4	.6
Other Durable Goods 1/	4.0	4.2	4.4	- .2	- .4
Nondurable Goods	11.8	11.8	12.1	0	- .3
Food and Kindred Products	6.0	6.0	6.0	0	0
Apparel & Other Textile Products	.9	.8	.9	.1	0
Printing and Publishing	2.3	2.4	2.5	- .1	- .2
Chemicals and Allied Products	1.2	1.2	1.3	0	- .1
Agricultural Chemicals	.5	.6	.6	- .1	- .1
Other Nondurable Goods 2/	1.4	1.4	1.4	0	0
NONMANUFACTURING	263.7	263.4	254.8	.3	8.9
Construction	17.0	16.8	16.4	.2	.6
Transportation & Public Utilities	19.7	19.8	19.3	- .1	.4
Railroads	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	73.8	73.5	69.5	.3	4.3
Wholesale Trade	14.3	14.2	14.4	.1	- .1
Retail Trade	59.5	59.3	55.1	.2	4.4
Finance, Insurance & Real Estate	14.9	15.0	14.8	- .1	.1
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.1	3.1	3.1	0	0
Services and Mining	59.7	59.5	55.9	.2	3.8
Personal Services	4.3	4.4	4.2	- .1	.1
Government	78.6	78.8	78.9	- .2	- .3
Federal Government	37.3	37.4	36.5	- .1	.8
State & Local Government	41.3	41.4	42.4	- .1	- 1.1

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	444.3	445.9	433.9	- 1.6	10.4
MANUFACTURING	18.2	18.2	17.0	0	1.2
Durable Goods	10.8	10.7	10.1	.1	.7
Stone, Clay and Glass Products	.9	.9	1.1	0	- .2
Fabricated Metal Products	1.2	1.1	1.1	.1	.1
Machinery, except Electrical	.7	.7	.6	0	.1
Electric and Electronic Equipment	5.8	5.8	5.3	0	.5
Other Durable Goods 1/	2.2	2.2	2.0	0	.2
Nondurable Goods	7.4	7.5	6.9	- .1	.5
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.5	0	.3
Other Nondurable Goods 2/	1.5	1.6	1.3	- .1	.2
NONMANUFACTURING	426.1	427.7	416.9	- 1.6	9.2
Mining	.4	.4	.4	0	0
Construction	29.3	29.5	28.1	- .2	1.2
Transportation & Public Utilities	29.3	29.3	29.5	0	- .2
Transportation By Air	7.9	8.0	8.6	- .1	- .7
Electric, Gas & Sanitary Service	3.7	3.7	3.5	0	.2
Wholesale and Retail Trade	102.0	102.1	98.4	- .1	3.6
Wholesale Trade	18.1	18.1	18.4	0	- .3
Retail Trade	83.9	84.0	80.0	- .1	3.9
General Merchandise Stores	12.7	12.5	11.9	.2	.8
Food Stores	9.4	9.4	9.2	0	.2
Auto. Dealers & Service Stations	12.4	12.3	12.2	.1	.2
Apparel & Accessory Stores	5.3	5.4	5.4	- .1	- .1
Eating & Drinking Places	25.0	25.1	23.4	- .1	1.6
Finance, Insurance & Real Estate	28.7	28.8	27.6	- .1	1.1
Banking	6.4	6.3	6.0	.1	.4
Services	116.2	116.9	114.7	- .7	1.5
Business Services	40.4	40.8	40.2	- .4	.2
Government	120.2	120.7	118.2	- .5	2.0
Federal Government	70.3	70.6	67.5	- .3	2.8
State and Local Government	49.9	50.1	50.7	- .2	- .8

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	44.7	44.9	48.0	- .2	- 3.3
MANUFACTURING	10.9	10.8	11.7	.1	- .8
Durable Goods	2.4	2.1	2.7	.3	- .3
Lumber and Wood Products and Furniture & Fixtures	.5	.5	.5	0	0
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.2	0	0
Other Durable Goods 1/	1.5	1.2	1.8	.3	- .3
Nondurable Goods	8.5	8.7	9.0	- .2	- .5
Food and Kindred Products	.3	.3	.3	0	0
Textile Mill Products and Apparel & Other Textile Products	.9	1.1	1.1	- .2	- .2
Chemicals and Allied Products	3.5	3.5	3.5	0	0
Other Nondurable Goods 2/	3.8	3.8	4.1	0	- .3
NONMANUFACTURING	33.8	34.1	36.3	- .3	- 2.5
Construction	2.4	2.5	3.4	- .1	- 1.0
Transportation and Public Utilities	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	8.3	8.3	8.0	0	.3
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	7.1	7.1	6.8	0	.3
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.5	6.5	6.4	0	.1
Government	13.9	14.1	15.7	- .2	- 1.8
Federal Government	5.0	5.1	5.5	- .1	- .5
State and Local Government	8.9	9.0	10.2	- .1	- 1.3

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	382.2	327.6	323.2	.6	5.0
MANUFACTURING	57.0	56.5	55.3	.5	1.7
Durable Goods	18.0	17.9	17.8	.1	.2
Lumber & Wood Products	1.4	1.4	1.4	0	0
Furniture & Fixtures	2.2	2.2	2.1	0	.1
Stone, Clay & Glass Products	1.4	1.3	1.3	.1	.1
Fabricated Metal Products	2.7	2.6	2.6	.1	.1
Fabricated Structural Metal Products	1.9	1.9	1.8	0	.1
Machinery, except Electrical	2.2	2.2	2.1	0	.1
Other Durable Goods 1/	8.1	8.2	8.3	- .1	- .2
Nondurable Goods	39.0	38.6	37.5	.4	1.5
Food & Kindred Products	4.1	4.2	4.2	- .1	- .1
Bakery Products	1.7	1.8	1.8	- .1	- .1
Tobacco Manufactures	13.1	12.6	12.0	.5	1.1
Cigarettes	12.0	11.8	11.2	.2	.8
Tobacco Stemming & Redrying	.9	.5	.5	.4	.4
Apparel & Other Textile Products	2.2	2.2	2.2	0	0
Paper & Allied Products	4.2	4.2	4.2	0	0
Printing and Publishing	5.4	5.3	5.2	.1	.2
Commercial Printing	3.0	3.0	2.9	0	.1
Chemicals & Allied Products	7.9	7.9	7.7	0	.2
Other Nondurable Goods 2/	2.1	2.2	2.0	- .1	.1
NONMANUFACTURING	271.2	271.1	267.9	.1	3.3
Mining	.3	.3	.4	0	- .1
Construction	16.4	16.4	17.3	0	- .9
Transportation & Public Utilities	20.3	20.4	19.9	- .1	.4
Wholesale & Retail Trade	74.8	74.8	72.8	0	2.0
Wholesale Trade	22.1	22.1	22.1	0	0
Retail Trade	52.7	52.7	50.7	0	2.0
General Merchandise Stores	10.3	10.2	10.2	.1	.1
Food Stores	7.4	7.5	7.3	- .1	.1
Auto Dealers & Service Stations	5.7	5.7	5.6	0	.1
Finance, Insurance & Real Estate	26.9	26.9	26.9	0	0
Insurance Carriers and Agents	10.5	10.5	10.4	0	.1
Services	62.3	62.1	59.9	.2	2.4
Government	70.2	70.2	70.7	0	- .5
Federal Government	8.2	8.2	8.0	0	.2
State & Local Government	62.0	62.0	62.7	0	- .7

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	103.6	103.7	105.7	- .1	- 2.1
MANUFACTURING	20.9	20.9	20.9	0	0
Durable Goods	12.2	12.2	12.2	0	0
Furniture & Fixtures	1.5	1.4	1.4	.1	.1
Primary Metals & Fabricated Metal Products	2.5	2.5	2.5	0	0
Fabricated Structural Metal Products	1.2	1.2	1.3	0	- .1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.5	6.6	6.6	- .1	- .1
Nondurable Goods	8.7	8.7	8.7	0	0
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.6	1.8	0	- .2
Apparel & Other Textile Products	1.6	1.6	1.5	0	.1
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.7	2.7	2.6	0	.1
NONMANUFACTURING	82.7	82.8	84.8	- .1	- 2.1
Mining	.1	.1	.1	0	0
Construction	5.3	5.2	6.8	.1	- 1.5
Transportation & Public Utilities	9.6	9.5	9.8	.1	- .2
Wholesale & Retail Trade	25.8	25.8	25.7	0	.1
Wholesale Trade	7.3	7.4	7.3	- .1	0
Retail Trade	18.5	18.4	18.4	.1	.1
Finance, Insurance & Real Estate	6.3	6.4	6.3	- .1	0
Services	20.2	20.2	19.6	0	.6
Government	15.4	15.6	16.5	- .2	- 1.1
Federal Government	3.2	3.2	3.2	0	0
State & Local Government	12.2	12.4	13.3	- .2	- 1.1

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	$270.28	$266.17	$247.74	39.4	39.2	39.2	$6.86	$6.79	$6.32
Durable Goods	270.75	269.84	243.90	39.7	39.8	38.9	6.82	6.78	6.27
Lumber and Wood Products	196.08	196.32	182.10	38.0	37.9	38.5	5.16	5.18	4.73
Furniture and Fixtures	175.58	179.40	157.54	37.2	39.0	36.3	4.72	4.60	4.34
Household and Office Furniture	175.01	179.40	156.24	37.0	39.0	36.0	4.73	4.60	4.34
Stone, Clay and Glass Products	243.82	234.25	233.74	39.2	37.6	40.3	6.22	6.23	5.80
Structural Clay Products	249.99	217.29	210.31	42.3	37.4	41.4	5.91	5.81	5.08
Glass and Glass Products	282.77	277.20	241.55	41.1	40.0	38.1	6.88	6.93	6.34
Primary Metal Industries	344.67	356.45	314.50	39.8	39.3	38.4	8.66	9.07	8.19
Fabricated Metal Products	333.63	334.96	300.77	41.6	41.1	40.7	8.02	8.15	7.39
Fabricated Structural Metal Products	321.10	325.21	292.70	42.7	42.4	41.4	7.52	7.67	7.07
Machinery, except Electrical	295.54	289.48	265.72	40.1	39.6	40.2	7.37	7.31	6.61
Construction and Related Machinery	279.32	301.02	258.34	37.9	40.9	38.5	7.37	7.36	6.71
Special Industry Machinery	333.88	298.88	274.89	39.7	37.5	37.4	8.41	7.97	7.35
Refrigeration and Service Machinery	307.88	283.39	284.32	43.0	40.6	42.5	7.16	6.98	6.69
Electric and Electronic Equipment	283.54	278.39	249.72	39.6	39.6	38.3	7.16	7.03	6.52
Communication Equipment	300.27	283.08	256.88	38.3	38.1	37.5	7.84	7.43	6.85
Instruments and Related Products	1) 194.39	1) 187.90	212.40	38.8	36.7	39.7	1) 5.01	1) 5.12	5.35
Miscellaneous Manufacturing Industries	227.76	225.72	198.81	39.0	39.6	37.3	5.84	5.70	5.33
Nondurable Goods	270.09	262.77	244.14	39.2	38.7	39.0	6.89	6.79	6.26
Food and Kindred Products	245.24	244.72	225.79	38.5	38.6	38.4	6.37	6.34	5.88
Tobacco Manufactures	389.46	412.47	370.93	39.3	37.6	38.8	9.91	10.97	9.56
Cigarettes	422.14	427.12	402.19	39.9	38.0	39.2	10.58	11.24	10.26
Textile Mill Products	228.42	211.47	205.09	40.5	39.9	39.9	5.64	5.30	5.14
Weaving Mills, Cotton, Synthetics and Wool	260.47	237.02	229.77	42.7	42.1	41.4	6.10	5.63	5.55
Knitting Mills	192.15	188.24	178.22	38.2	37.8	38.0	5.03	4.98	4.69
Yarn and Thread Mills	207.10	194.46	167.66	42.7	42.0	38.9	4.85	4.63	4.31
Miscellaneous Textile Goods	238.30	229.50	218.40	41.3	41.5	41.6	5.77	5.53	5.25
Apparel and Other Textile Products	159.49	158.55	148.63	34.9	35.0	35.9	4.57	4.53	4.14
Men's and Boys' Suits, Coats and Furnishings	169.79	172.75	156.56	35.3	35.4	37.1	4.81	4.88	4.22
Women's and Children's Outerwear & Undergarments	148.04	145.77	140.35	33.8	33.9	34.4	4.38	4.30	4.08
Paper and Allied Products	356.17	346.01	329.52	42.2	40.9	42.3	8.44	8.46	7.79
Pulp, Paper and Paperboard	413.22	401.76	389.27	42.6	40.5	43.5	9.70	9.92	9.06
Misc. Converted Paper and Paperboard Products, Containers and Boxes	297.36	285.93	265.85	42.0	41.2	40.9	7.08	6.94	6.50
Printing and Publishing	323.71	317.34	288.03	38.4	37.6	38.2	8.43	8.44	7.54
Newspapers and Periodicals	253.41	257.52	252.03	33.3	33.1	35.2	7.61	7.78	7.16
Chemical and Allied Products	358.56	351.65	324.40	41.5	40.7	40.5	8.64	8.64	8.01
Plastic Materials and Synthetics	365.29	368.05	332.45	41.7	41.4	40.2	8.76	8.89	8.27
Agricultural Chemicals	246.53	261.21	235.30	38.4	41.2	40.5	6.42	6.34	5.81
Leather and Leather Products	144.51	142.30	132.86	36.4	36.3	36.4	3.97	3.92	3.65

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	$212.89	$212.63	$207.76	35.6	36.1	37.3	$5.98	$5.89	$5.57
Durable Goods	266.74	270.24	254.13	39.4	39.8	39.4	6.77	6.79	6.45
Fabricated Metal Products	1) 326.82	1) 319.80	325.31	40.1	39.0	39.1	1) 8.15	1) 8.20	8.32
Machinery and Transportation Equipment	252.84	261.55	246.64	39.2	40.3	40.5	6.45	6.49	6.09
Nondurable Goods	159.00	154.22	161.98	31.8	32.4	35.6	5.00	4.76	4.55
Food and Kindred Products	200.33	191.26	185.92	34.9	34.4	33.5	5.74	5.56	5.55
Apparel and Other Textile Products	126.05	119.84	140.26	28.2	29.3	35.6	4.47	4.09	3.94

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	$275.67	$267.60	$234.84	40.6	40.0	38.0	$6.79	$6.69	$6.18
Durable Goods	291.40	285.32	239.02	41.1	40.3	37.0	7.09	7.08	6.46
Lumber and Wood Products and Furniture and Fixtures	181.06	170.94	163.54	36.8	35.1	37.0	4.92	4.87	4.42
Nondurable Goods	252.17	244.73	225.15	39.9	39.6	39.5	6.32	6.18	5.70
Food and Kindred Products	1) 250.88	1) 264.26	232.35	1) 39.2	1) 40.1	42.4	1) 6.40	1) 6.59	5.48
Textile Mill Products	249.27	216.12	211.31	40.4	38.8	37.6	6.17	5.57	5.62
Apparel and Other Textile Products	145.18	141.95	127.01	34.9	35.4	33.6	4.16	4.01	3.78
Paper and Allied Products	371.86	380.77	377.25	48.8	50.3	52.6	7.62	7.57	7.21

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	$289.58	$292.23	$268.30	40.5	40.7	40.9	$7.15	$7.18	$6.56
Durable Goods	314.25	318.10	284.82	41.9	41.8	41.1	7.50	7.61	6.93
Lumber and Wood Products	234.92	229.70	204.09	41.8	40.8	38.8	5.62	5.63	5.26
Stone, Clay, and Glass Products	241.19	246.55	239.80	36.6	37.3	39.9	6.59	6.61	6.01
Fabricated Metal Products	215.84	216.97	246.28	38.0	37.8	43.9	5.68	5.74	5.61
Machinery, except Electrical	250.22	250.73	238.78	40.1	39.3	41.6	6.24	6.38	5.74
Transportation Equipment	392.26	405.79	341.74	45.4	45.8	42.4	8.64	8.86	8.06
Nondurable Goods	242.68	245.22	245.43	37.8	38.8	40.5	6.42	6.32	6.06
Food and Kindred Products	235.01	238.60	234.34	38.4	40.1	42.3	6.12	5.95	5.54
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	249.81	245.15	230.12	36.1	37.2	38.1	6.92	6.59	6.04

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,400 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	$297.40	$293.18	$283.29	39.6	39.3	39.9	$7.51	$7.46	$7.10
Durable Goods	285.48	286.47	272.49	40.9	41.1	41.1	6.98	6.97	6.63
Stone, Clay, and Glass Products	229.82	234.93	228.89	37.8	38.2	39.6	6.08	6.15	5.78
Fabricated Metal Products	329.62	315.56	271.62	43.2	42.3	40.3	7.63	7.46	6.74
Electric and Electronic Equipment	1) 302.99	1) 302.99	315.48	43.1	43.1	44.0	1) 7.03	1) 7.03	7.17
Nondurable Goods	315.25	302.86	292.61	37.8	36.8	38.1	8.34	8.23	7.68
Food and Kindred Products	334.56	310.80	299.71	41.0	40.0	41.0	8.16	7.77	7.31

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,500 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	$348.70	$329.18	$298.35	40.5	38.1	39.0	$8.61	$8.64	$7.65
Durable Goods	1) 202.36	1) 178.85	178.01	1) 39.6	1) 36.8	38.2	1) 5.11	1) 4.86	4.66
Lumber and Wood Products and Furniture and Fixtures	1) 261.07	1) 238.69	159.40	1) 44.4	1) 42.7	35.9	1) 5.88	1) 5.59	4.44
Nondurable Goods	390.05	364.42	335.69	40.8	38.4	39.4	9.56	9.49	8.52
Food & Kindred Products	214.70	229.45	212.78	38.0	40.9	37.2	5.65	5.61	5.72
Chemicals & Allied Products	446.02	392.08	374.74	42.6	37.7	41.0	10.47	10.40	9.14

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,500 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	$340.56	$341.43	$315.17	39.1	39.2	39.2	$8.71	$8.71	$8.04
Durable Goods	316.38	310.06	288.41	39.4	39.1	39.4	8.03	7.93	7.32
Lumber and Wood Products	198.24	188.00	182.40	39.1	37.6	40.0	5.07	5.00	4.56
Furniture and Fixtures	190.24	177.55	170.54	39.8	37.3	37.4	4.78	4.76	4.56
Primary Metal Industries	513.59	504.66	490.28	40.6	40.6	41.2	12.65	12.43	11.90
Fabricated Metal Products	352.50	369.02	333.45	37.5	38.4	39.0	9.40	9.61	8.55
Fabricated Structural Metal Products	381.47	405.73	363.08	37.0	38.9	38.3	10.31	10.43	9.48
Nondurable Goods	349.71	353.46	326.30	38.9	39.1	39.6	8.99	9.04	8.24
Food and Kindred Products	242.69	244.29	230.10	38.4	38.9	39.2	6.32	6.28	5.87
Tobacco Manufactures	418.86	415.80	402.96	37.6	37.8	39.7	11.14	11.00	10.15
Cigarettes	422.24	429.75	413.12	37.7	38.2	39.8	11.20	11.25	10.38
Apparel and Other Textile Products	184.16	178.64	161.14	39.1	38.5	37.3	4.71	4.64	4.32
Paper and Allied Products	333.84	312.21	292.44	42.8	40.6	40.9	7.80	7.69	7.15
Printing and Publishing	349.27	345.33	311.85	37.8	37.7	37.8	9.24	9.16	8.25
Chemicals and Allied Products	364.10	385.69	342.30	38.9	40.9	39.3	9.36	9.43	8.71

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 38,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	$250.13	$265.43	$229.90	38.9	40.4	39.3	$6.43	$6.57	$5.85
Durable Goods	252.31	269.94	231.66	39.3	40.9	39.0	6.42	6.60	5.94
Fabricated Metal Products	246.79	259.53	225.33	41.2	42.2	40.6	5.99	6.15	5.55
Fabricated Structural Metal Products	255.44	275.82	230.93	41.4	43.3	40.8	6.17	6.37	5.66
Nondurable Goods	246.65	259.50	229.77	38.3	39.8	40.1	6.44	6.52	5.73
Food and Kindred Products	268.05	267.45	241.23	44.6	44.5	44.1	6.01	6.01	5.47
Textile Mill Products	209.27	188.86	186.76	40.4	38.7	40.6	5.18	4.88	4.60

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
Virginia	$270.20	$266.17	$247.74	$211.93	$209.15	$197.66	$231.69	$228.59	$215.99
Bristol Area	212.89	212.63	207.76	171.77	171.58	169.14	188.25	188.04	185.36
Lynchburg SMSA	275.67	267.60	234.84	215.56	210.13	188.64	235.75	229.67	206.20
Norfolk-Virginia Beach-Portsmouth SMSA	289.58	292.23	268.30	224.93	226.72	212.00	246.23	248.23	231.59
Northern Virginia Area	297.40	293.18	283.18	230.20	227.36	222.10	252.12	248.94	242.88
Petersburg-Colonial Heights-Hopewell SMSA	348.70	329.18	298.35	263.11	250.75	232.39	289.49	275.37	254.39
Richmond SMSA	340.56	341.43	315.17	257.95	258.51	234.51	283.61	284.23	266.87
Roanoke SMSA	250.13	256.43	229.90	198.02	202.39	185.19	216.50	221.25	203.21

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	August 1981 2/	July 1981	August 1980	July 1980
NONAGRICULTURAL	2,132.3	2,126.8	2,105.2	2,090.4
MANUFACTURING	405.7	406.6	402.7	399.4
Durable Goods	187.0	185.8	183.8	179.0
Lumber & Wood Products	23.5	23.8	22.4	22.3
Furniture and Fixtures	26.4	26.4	25.7	22.6
Stone, Clay and Glass Products	12.3	12.2	12.1	12.1
Primary Metal Industries	11.4	10.6	11.2	10.2
Fabricated Metal Products	20.7	20.8	20.2	20.4
Machinery, except Electrical	14.3	14.0	15.2	14.9
Electric and Electronic Equipment	34.2	34.4	33.0	33.2
Transportation Equipment	36.5	36.4	36.2	36.1
Instruments and Related Products	4.1	4.0	4.0	4.0
Nondurable Goods	218.9	220.8	219.1	220.4
Food and Kindred Products	39.7	40.1	40.6	42.2
Tobacco Manufactures	16.9	16.4	16.2	16.3
Textile Mill Products	44.4	44.8	44.5	42.8
Apparel and Other Textile Products	33.1	34.4	33.3	34.6
Paper and Allied Products	14.4	14.5	14.3	14.5
Printing and Publishing	21.8	22.0	22.0	21.7
Chemicals and Allied Products	32.8	32.7	32.5	32.5
Leather and Leather Products	3.5	3.5	3.6	3.5
MINING	23.2	22.0	23.0	22.1
Bituminous Coal and Lignite Mining	20.5	19.3	19.9	19.0
CONTRACT CONSTRUCTION	101.0	105.8	119.9	119.8
TRANSPORTATION & PUBLIC UTILITIES	117.9	118.0	114.8	114.5
Railroad Transportation	15.6	15.2	15.0	14.2
Trucking and Warehousing	28.7	28.6	28.8	28.9
Transportation by Air	11.0	11.1	10.9	10.9
Communication	29.9	29.9	29.1	29.1
Electric, Gas and Sanitary Services	17.6	17.5	16.5	16.4
WHOLESALE AND RETAIL TRADE	461.9	459.8	449.0	444.9
Wholesale Trade	105.8	105.4	105.1	104.0
Retail Trade	356.1	354.4	343.8	340.9
General Merchandise Stores	58.1	57.8	56.4	56.4
Food Stores	56.2	56.2	54.5	54.2
FINANCE, INSURANCE & REAL ESTATE	106.8	106.8	104.0	104.1
Banking	31.3	31.2	30.9	30.9
Insurance Carriers	20.1	20.2	19.6	19.9
SERVICES	399.3	399.3	385.2	383.5
Personal Services	25.3	25.2	25.1	25.2
Business Services	77.2	77.4	74.6	74.7
GOVERNMENT	508.3	503.6	506.9	501.5
Federal Government	158.2	157.7	155.4	156.3
State and Local Government	349.8	345.2	351.3	344.5
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.5	39.4	39.3	39.0
Durable Goods	39.9	40.2	39.8	39.6
Lumber and Wood Products	37.7	37.9	38.2	37.2
Furniture and Fixtures	36.9	38.2	36.0	34.9
Household & Office Furniture	36.6	38.2	35.6	34.2
Stone, Clay & Glass Products	38.9	37.6	40.0	40.9
Primary Metal Industries	39.9	39.6	38.5	37.7
Fabricated Metal Products	41.1	41.6	40.8	41.9
Fabricated Structural Metal Products	42.2	43.1	41.6	43.4
Machinery, except Electrical	40.7	40.7	40.8	41.4
Electric and Electronic Equipment	39.8	39.8	38.5	38.9
Instruments & Related Products	39.0	37.2	39.8	39.8
Miscellaneous Manufacturing Industries	38.3	40.7	36.7	31.9
Nondurable Goods	39.1	38.8	38.9	38.7
Food & Kindred Products	38.4	37.8	38.3	38.0
Tobacco Manufactures	39.5	37.6	38.2	40.0
Cigarettes	39.9	37.7	38.7	40.1
Textile Mill Products	40.4	39.5	40.3	39.0
Weaving Mills, Cotton, Synthetics and Wool	42.7	42.3	42.6	40.6
Knitting Mills	37.8	37.0	38.5	37.4
Apparel & Other Textile Products	35.0	34.9	36.0	35.2
Men's and Boys' Suits, Coats and Furnishings	34.8	34.3	36.6	36.7
Women's and Children's Outerwear & Undergarments	34.1	34.1	34.7	32.9
Paper & Allied Products	42.4	41.6	42.0	42.5
Pulp, Paper and Paperboard	43.1	41.3	43.8	44.4
Printing and Publishing	38.6	37.8	38.4	37.3
Newspapers and Periodicals	33.2	33.7	35.9	35.3
Chemicals & Allied Products	41.6	41.0	39.7	39.9
Plastics Materials & Synthetics	41.4	41.4	38.6	39.4
Agricultural Chemicals	40.6	43.9	42.8	39.6
Leather & Leather Products	35.7	35.8	35.7	37.8

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1972 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	451.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2.044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	122.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	513.8
March	2,154.7	413.3	25.3	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	119.1	114.6	456.6	108.5	397.5	513.3
May	2,122.7	412.0	13.1	11[illegible].0	114.4	455.7	107.5	396.4	512.3
June	2,130.2	409.6	21.8	111.6	115.6	458.9	106.6	396.8	509.4
July	2,126.8	406.6	22.0	105.8	118.0	459.8	106.8	399.3	503.6
August	2,132.3	405.7	23.2	101.0	117.9	461.9	106.8	399.3	508.3
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

UNION HOURLY WAGE RATES IN THE BUILDING TRADES IN CITIES OF 100,000 INHABITANTS OR MORE

JULY 1980 and 1981 UNION WAGE RATES 1/

TRADE OR OCCUPATION	HOURLY AVERAGE		BASIC RATE			
	United States		Norfolk		Richmond	
	1981	1980	1981	1980	1981	1980
Bricklayers	$13.91	$12.68	$11.68	$10.98	$12.50	$11.50
Carpenters	13.89	12.44	10.85	10.15	10.85	10.15
Electricians	14.78	13.57	11.70	11.05	13.65	12.35
Painters	13.39	12.01	10.25	9.35	10.00	9.10
Plasterers	13.48	12.08	11.96	11.26	11.65	10.85
Plumbers	14.44	13.04	11.05	10.30	12.40	11.95
Building Laborers	10.90	9.88	7.00	6.40	7.00	6.10

1/ These rates represent the minimum wage rates (excluding holiday and vacation payments regularly made or credited to the worker each pay period) agreed upon through collective bargaining between employers and trade unions.

Source: U. S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

1 10/28/81

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VOLUME 31
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ROANOKE

RICHMOND

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NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

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PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

October 1981

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Explanatory Notes

NONAGRICULTURAL EMPLOYMENT ROSE 16,300 OVER THE MONTH

THE NUMBER OF WORKERS ON PAYROLLS IN NONAGRICULTURAL ESTABLISHMENTS IN VIRGINIA ROSE 16,300 OVER THE MONTH TO 2,163,800. Seasonal pressures played a dominant roll in the uptrend. Heroes on the scene were a good harvest of fall fruits and vegetables, the reopening of school systems, as well as, fall and back-to-school sales. Manufacturing, government, trade and mining were the best performers during October 1981. The winding down of the tourist season, curtailment of summer youth and CETA programs, along with high interest rates were the villians in this month's economic script. As a result, services, construction, finance and transportation and public utilities trended downward.

THE LARGEST MONTHLY EMPLOYMENT INCREMENT OCCURRED IN THE GOVERNMENT SECTOR WHERE 18,600 MORE WORKERS WERE RECORDED. Nonteaching personnel returned to work with the reopening of school systems for the fall semester. However, it should be noted that September employment was 3,600 lower than it was in June, before many schools closed for summer vacations. Cutbacks in federal spending for CETA projects and the ending of summer youth programs greatly reduced the upswing normally experienced in September. Employment was also abated by over-the-month reductions in federal employment.

SEASONAL INCREASES IN THE FOOD AND TOBACCO INDUSTRIES HELPED BOOST MANUFACTURING EMPLOYMENT TO ITS 1981 HIGH OF 411,900. The nondurable goods sector held the spotlight as processors of fruits and vegetables hired temporary seasonal workers to can, freeze and preserve this years' crops. Processors of tobacco did likewise. Also, the textile and apparel segments added to their workforces, as did firms in printing and publishing. Durable goods producers played a supporting roll with electrical machinery and transportation equipment divisions adding to their payrolls. Virginia's 315,400 factory production workers earned an average weekly earning of $275.01 in September. This was $1.77 more than in August and $24.43 above a year ago. Wage rate increases and overtime boosted average weekly earnings eight cents to $6.98. Over the year hourly earnings have increased 62 cents. Average weekly hours declined two-tenths of an hour over the month and at 39.4 hours were the same as a year ago. Average weekly earnings were up over the month in all of the major metropolitan areas except Lynchburg. Curtailed overtime was the most frequent reason given for this drop.

ANOTHER GOOD PERFORMER WAS WHOLESALE AND RETAIL TRADE WITH A PLUS 500 IN EMPLOYMENT OVER AUGUST. While consumers used a great deal of caution and selectivity when shopping, sales rose modestly. Sales of cars and major appliances were down while women's apparel and home furnishing items were the biggest gainers. Merchants were also using caution as they began preparing for the holiday spending season. Forecasts

NONAGRICULTURAL EMPLOYMENT ROSE 16,300 OVER THE MONTH

(continued from page 1)
for the fourth quarter have received mixed reviews. Mining was the only other division to record an over-the-month uptrend as coal usage increases during the winter months.

SERVICES AND CONSTRUCTION CONTINUED TO REGISTER DOWNTURNS IN WORKFORCES. Services' loss of 3,700 workers was traced primarily to the closing of amusement centers and layoffs by hotels and motels in the resort areas of the state as fewer tourists were visiting Virginia. Construction's problems have not subsided and the decline of 2,600 workers in September was widespread. The construction industry remains the only segment of the economy with employment levels below last year. Both builders and buyers continued to blame high interest rates for the industry's sluggish performance. As interest rates on mortgages keep rising, sales keep falling. Finance, insurance and real estate had a drop in personnel as construction's woes rippled into this branch of the economy. While employment in transportation and public utilities was also down (a minus 200), this was a minor part on the overall economical scene.

THE PRODUCERS PRICE INDEX, PUBLISHED BY THE BUREAU OF LABOR STATISTICS FOR ALL COMMODITIES was 295.5 (1967=100) for September 1981. This was a monthly decrease of 0.2 percent and a yearly increase of 7.6 percent. The index for finished goods at 271.1 (1967=100) was unchanged over the month but up 7.8 percent over the year.

THE BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMER PRICE INDEX (U. S. City Average) rose 1.0 percent in September to 279.3 (1967=100). The index was up 11.0 percent over the year. The Urban Wage Earners and Clerical Workers Index at 279.1 (1967=100) was up 0.9 percent over the month and 10.8 percent over the year.

THE OCTOBER 1981 CONSUMER PRICE INDEX data will be released on November 24, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed 2/			Unemployed			Per Cent of Labor Force		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	Aug. 1981	July 1981	Aug. 1980
United States	107,771,000	108,408,000	106,126,000	100,013,000	100,474,000	98,115,000	7,758,000	7,934,000	8,011,000	7.2	7.3	7.5
Virginia	2,556,000	2,579,700	2,553,800	2,417,400	2,429,000	2,424,200	138,600	150,700	129,600	5.4	5.8	5.1
Bristol Area	38,750	39,810	39,210	36,390	36,870	36,950	2,360	2,940	2,260	6.1	7.4	5.8
Lynchburg SMSA	74,930	74,250	77,140	71,010	69,770	72,840	3,920	4,480	4,300	5.2	6.0	5.6
Newport News-Hampton SMSA	174,560	175,670	171,550	164,770	164,910	162,580	9,790	10,760	8,970	5.6	6.1	5.2
Norfolk-Virginia Beach-Portsmouth SMSA	337,670	339,160	329,150	317,620	318,600	310,810	20,050	20,560	18,340	5.9	6.1	5.6
Northern Virginia Area	582,400	589,200	575,700	561,600	566,800	557,900	20,800	22,400	17,800	3.6	3.8	3.1
Petersburg-Colonial Heights-Hopewell SMSA	57,780	58,340	61,820	53,390	53,860	57,760	4,390	4,480	4,060	7.6	7.7	6.6
Richmond SMSA	333,440	335,160	330,070	320,130	320,880	318,210	13,310	14,280	11,860	4.0	4.3	3.6
Roanoke SMSA	110,620	111,810	113,660	104,830	105,330	108,010	5,790	6,480	5,650	5.3	5.8	5.0

1/ **All data adjusted to a place-of-residence basis**

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL 1/	2,163.8	2,147.5	2,136.2	16.8	27.6
MANUFACTURING	411.9	408.1	410.6	3.8	1.3
Durable Goods	187.9	187.5	186.9	.4	1.0
Lumber and Wood Products	24.0	24.0	23.3	0	.7
Millwork, Plywood and Structural Members	6.5	6.5	6.1	0	.4
Wood Containers	1.9	1.9	1.9	0	0
Wood Buildings and Mobile Homes	3.0	3.1	3.3	- .1	- .3
Miscellaneous Wood Products	2.0	2.1	2.0	- .1	0
Furniture and Fixtures	26.0	26.0	25.5	0	.5
Household and Office Furniture	24.4	24.3	23.9	.1	.5
Stone, Clay and Glass Products	12.4	12.4	12.7	0	- .3
Structural Clay Products	.8	.8	.9	0	- .1
Concrete Gypsum and Plaster Products	7.2	7.3	7.3	- .1	- .1
Glass and Glass Products	1.7	1.7	1.7	0	0
Primary Metal Industries	11.6	11.6	11.9	0	- .3
Fabricated Metal Products	20.7	20.7	20.5	0	.2
Fabricated Structural Metal Products	12.8	12.8	12.9	0	- .1
Machinery, except Electrical	14.3	14.3	15.3	0	- 1.0
Construction and Related Machinery	4.3	4.2	4.6	.1	- .3
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.1	2.1	1.9	0	.2
Electric and Electronic Equipment	34.5	34.3	33.2	.2	1.3
Communication Equipment	11.7	11.7	11.4	0	.3
Electronic Components and Accessories	5.7	5.8	5.2	- .1	.5
Transportation Equipment	36.8	36.7	36.9	.1	- .1
Instruments and Related Products	4.1	4.1	4.0	0	.1
Miscellaneous Manufacturing Industries	3.5	3.4	3.6	.1	- .1
Nondurable Goods	224.0	220.6	223.7	3.4	.3
Food and Kindred Products	41.8	40.0	42.4	1.8	- .6
Meat Products	13.3	13.1	13.4	.2	- .1
Dairy Products	3.1	3.0	2.7	.1	.4
Preserved Fruits and Vegetables	3.4	2.5	3.5	.9	- .1
Bakery Products	4.9	4.8	4.9	.1	0
Beverages	5.9	5.8	5.8	.1	.1
Tobacco Manufactures	17.9	17.2	17.7	.7	.2
Cigarettes	14.4	14.1	14.1	.3	.3
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	3.1	2.7	3.2	.4	- .1
Textile Mill Products	45.2	44.6	44.6	.6	.6
Weaving Mills, Cotton, Synthetics and Wool	19.0	18.7	19.1	.3	- .1
Narrow Fabric Mills	1.1	1.0	1.1	.1	0
Knitting Mills	14.2	14.1	13.9	.1	.3
Textile Finishing, except Wool	4.8	4.8	4.7	0	.1
Yarn and Thread Mills	3.1	3.1	3.0	0	.1
Miscellaneous Textile Goods	1.3	1.3	1.2	0	.1
Apparel and Other Textile Products	33.8	33.5	34.2	.3	- .4
Men's and Boys' Suits, Coats and Furnishings	12.5	12.3	13.5	.2	- 1.0
Women's and Children's Outerwear & Undergarments	17.6	17.4	16.9	.2	.7
Miscellaneous Fabricated Textile Products	1.8	1.8	1.7	0	.1
Paper and Allied Products	14.4	14.5	14.4	- .1	0
Pulp, Paper and Paperboard	7.8	7.8	7.6	0	.2
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.0	6.0	6.0	0	0
Miscellaneous Converted Paper Products	2.4	2.3	2.4	.1	0
Paperboard Containers and Boxes	3.6	3.7	3.6	- .1	0
Printing and Publishing	22.2	21.9	22.1	.3	.1
Newspapers and Periodicals	8.4	8.2	8.5	.2	- .1
Commercial Printing	8.3	8.1	8.2	.2	.1
Chemicals and Allied Products	32.9	33.1	32.8	- .2	.1
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	19.2	19.5	19.4	- .3	- .2
Drugs	2.8	2.8	2.7	0	.1
Agricultural Chemicals	1.5	1.5	1.6	0	- .1
Miscellaneous Chemical Products	3.7	3.6	3.3	.1	.4
Petroleum, Rubber and Misc. Plastics Products	12.3	12.3	11.9	0	.4
Miscellaneous Plastics Products	5.9	5.9	5.6	0	.3
Rubber and Rubber Products	6.1	6.1	6.0	0	.1
Leather and Leather Products	3.5	3.5	3.6	0	- .1

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 4)

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONMANUFACTURING	1,751.9	1,739.4	1,725.6	12.5	26.3
Mining	24.7	24.5	24.0	.2	.7
Bituminous Coal and Lignite Mining	22.0	21.7	20.8	.3	1.2
Construction	116.1	118.7	127.0	- 2.6	- 10.9
Transportation and Public Utilities	118.5	118.7	114.7	- .2	3.8
Railroad Transportation	15.0	15.0	14.0	0	1.0
Trucking and Warehousing	29.5	29.4	29.4	.1	.1
Transportation by Air	11.0	11.1	10.9	- .1	.1
Communication	30.1	30.3	29.4	- .2	.7
Electric, Gas and Sanitary Services	17.6	17.7	16.7	- .1	.9
Wholesale and Retail Trade	464.6	464.1	451.7	.5	12.9
Wholesale	105.3	105.6	105.4	- .3	- .1
Wholesale Trade Durable Goods	63.5	63.8	63.8	- .3	- .3
Wholesale Trade Nondurable Goods	41.8	41.8	41.6	0	.2
Retail	359.3	358.5	346.3	.8	13.0
General Merchandise Stores	57.0	56.2	55.0	.8	2.0
Department Stores	42.0	41.0	40.5	1.0	1.5
Variety Stores	9.4	9.5	9.0	- .1	.4
Food Stores	56.4	56.4	55.0	0	1.4
Automotive Dealers and Service Stations	46.7	46.6	46.6	.1	.1
Furniture and Home Furnishings Stores	16.1	15.9	15.3	.2	.8
Miscellaneous Retail	44.5	44.2	43.2	.3	1.3
Finance, Insurance and Real Estate	109.1	109.4	106.0	- .3	3.1
Banking	31.6	31.7	31.0	- .1	.6
Insurance Carriers	20.2	20.3	19.9	- .1	.3
Real Estate	25.2	25.3	23.5	- .1	1.7
Services	406.5	410.2	392.2	- 3.7	14.3
Personal Services	24.6	24.6	24.4	0	.2
Business Services	79.0	79.3	76.8	- .3	2.2
Auto and Miscellaneous Repair Service	18.7	18.7	18.6	0	.1
Health Services	105.9	105.9	101.9	0	4.0
Government	512.4	493.8	510.0	18.6	2.4
Federal Government	156.3	158.0	153.3	- 1.7	3.0
State and Local Government	356.1	335.8	356.7	20.3	- .6
State Government	118.9	113.0	118.4	5.9	.5
Local Government	237.2	222.8	238.3	14.4	- 1.1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1980
JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	314.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,164.3	409.2	23.5	119.0	117.2	462.1	109.0	408.3	516.0
July	2,150.2	406.6	23.9	119.2	118.9	462.6	109.5	410.9	498.6
August	2,147.5	408.1	24.5	118.7	118.7	464.1	109.4	410.2	493.8
September	2,163.8	411.9	24.7	116.1	118.5	464.6	109.1	406.5	512.4
October									
November									
December									

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL 1/	917.8	907.1	894.4	10.7	23.4
MANUFACTURING	146.1	144.1	144.2	2.0	1.9
Durable Goods	45.9	45.5	44.0	.4	1.9
Lumber and Wood Products	4.3	4.3	4.1	0	.2
Furniture and Fixtures	9.0	8.9	8.7	.1	.3
Stone, Clay and Glass Products	1.4	1.4	1.3	0	.1
Primary Metal Industries	1.9	1.9	2.0	0	- .1
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.4	2.3	2.4	.1	0
Electric and Electronic Equipment	15.7	15.4	14.8	.3	.9
Transportation Equipment	4.6	4.7	4.5	- .1	.1
Instruments and Related Products	1.8	1.8	1.7	0	.1
Miscellaneous Manufacturing Industries	1.2	1.2	1.1	0	.1
Nondurable Goods	100.2	98.6	100.2	1.6	0
Food and Kindred Products	15.0	14.1	15.4	.9	- .4
Tobacco Manufactures	5.9	5.7	5.8	.2	.1
Textile Mill Products	24.7	24.4	24.5	.3	.2
Apparel and Other Textile Products	30.3	30.0	30.6	.3	- .3
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	8.0	7.9	7.7	.1	.3
Chemicals and Allied Products	8.5	8.7	8.3	- .2	.2
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.7	0	0
Leather and Leather Products	2.6	2.6	2.7	0	- .1
NONMANUFACTURING	771.7	763.0	750.2	8.7	21.5
Mining	.7	.7	.6	0	.1
Construction	7.9	8.1	7.7	- .2	.2
Transportation and Public Utilities	29.3	29.6	28.4	- .3	.9
Wholesale and Retail Trade	196.0	195.4	186.7	.6	9.3
Wholesale Trade	21.5	21.6	20.5	- .1	1.0
Retail Trade	174.5	173.8	166.2	.7	8.3
Finance, Insurance and Real Estate	62.9	63.0	60.5	- .1	2.4
Services	224.5	227.3	217.7	- 2.8	6.8
Government	250.4	238.9	248.6	11.5	1.8
Federal Government	56.9	57.4	54.7	- .5	2.2
State and Local Government	193.5	181.5	193.9	12.0	.4

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
MANUFACTURING	315.4	311.1	314.5	4.3	.9
Durable Goods	141.4	140.7	141.0	.7	.4
Lumber and Wood Products	20.3	20.3	19.7	0	.6
Millwork, Plywood and Structural Members	5.4	5.5	5.1	- .1	.3
Wood Containers	1.8	1.7	1.7	.1	.1
Wood Buildings and Mobile Homes	2.2	2.2	2.4	0	- .2
Miscellaneous Wood Products	1.8	1.8	1.8	0	0
Furniture and Fixtures	21.9	21.9	21.5	0	.4
Household and Office Furniture	20.8	20.7	20.4	.1	.4
Stone, Clay and Glass Products	9.7	9.7	9.9	0	- .2
Structural Clay Products	.7	.7	.8	0	.1
Concrete Gypsum and Plaster Products	5.7	5.8	5.7	- .1	0
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	6.3	6.2	6.4	.1	- .1
Fabricated Metal Products	13.4	13.4	13.4	0	0
Fabricated Structural Metal Products	7.3	7.3	7.6	0	- .3
Machinery, except Electrical	9.7	9.6	10.7	.1	- 1.0
Construction and Related Machinery	2.5	2.4	2.8	.1	- .3
Special Industry Machinery	1.4	1.4	1.5	0	- .1
Refrigeration and Service Machinery	1.3	1.3	1.2	0	.1
Electric and Electronic Equipment	23.2	23.0	22.3	.2	.9
Communication Equipment	7.4	7.4	7.0	0	.4
Electronic Components and Accessories	3.6	3.6	3.3	0	.3
Transportation Equipment	31.5	31.4	31.9	.1	- .4
Instruments and Related Products	2.6	2.5	2.4	.1	.2
Miscellaneous Manufacturing Industries	2.8	2.7	2.8	.1	0
Nondurable Goods	174.0	170.4	173.5	3.6	.5
Food and Kindred Products	30.7	28.9	31.0	1.8	- .3
Meat Products	11.4	11.3	11.6	.1	- .2
Dairy Products	1.6	1.6	1.3	0	.3
Preserved Fruits and Vegetables	2.9	2.0	2.9	.9	0
Bakery Products	2.4	2.3	2.5	.1	- .1
Beverages	2.5	2.5	2.4	0	.1
Tobacco Manufactures	13.3	12.5	13.1	.8	.2
Cigarettes	10.7	10.4	10.3	.3	.4
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	2.3	1.8	2.5	.5	- .2
Textile Mill Products	40.6	40.0	39.9	.6	.7
Weaving Mills, Cotton, Synthetics and Wool	16.8	16.4	16.8	.4	0
Narrow Fabric Mills	1.1	1.0	1.0	.1	.1
Knitting Mills	13.1	13.0	12.7	.1	.4
Textile Finishing, except Wool	4.3	4.4	4.2	- .1	.1
Yarn and Thread Mills	2.8	2.8	2.7	0	.1
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	30.6	30.1	31.2	.5	- .6
Men's and Boys' Suits, Coats and Furnishings	11.4	11.1	12.5	.3	- 1.1
Women's and Children's Outerwear & Undergarments	16.1	15.9	15.5	.2	.6
Miscellaneous Fabricated Textile Products	1.5	1.4	1.3	.1	.2
Paper and Allied Products	10.8	10.9	10.9	- .1	- .1
Pulp, Paper and Paperboard	5.4	5.5	5.4	- .1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	4.9	5.0	.1	0
Miscellaneous Converted Paper Products	2.1	2.0	2.1	.1	0
Paperboard Containers and Boxes	2.9	2.9	2.9	0	0
Printing and Publishing	13.2	13.0	12.8	.2	.4
Newspapers and Periodicals	3.0	2.9	2.9	.1	.1
Commercial Printing	6.4	6.3	6.2	.1	.2
Chemicals and Allied Products	22.3	22.4	22.4	- .1	- .1
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.1	14.3	14.2	- .2	- .1
Drugs	1.4	1.4	1.2	0	.2
Agricultural Chemicals	.8	.7	1.0	.1	- .2
Miscellaneous Chemical Products	2.5	2.4	2.2	.1	.3
Petroleum, Rubber and Misc. Plastics Products	9.4	9.4	9.0	0	.4
Miscellaneous Plastics Products	4.4	4.4	4.1	0	.3
Rubber and Rubber Products	4.8	4.8	4.7	0	.1
Leather and Leather Products	3.1	3.2	3.2	- .1	- .1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	29.3	29.0	28.4	.3	.9
MANUFACTURING	9.5	9.6	9.3	-.1	.2
Durable Goods	4.7	4.6	4.6	.1	.1
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	-.1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.2	2.1	2.1	.1	.1
Other Durable Goods 1/	2.0	2.0	1.9	0	.1
Nondurable Goods	4.8	5.0	4.7	-.2	.1
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	1.9	2.1	2.0	-.2	-.1
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.4	0	.1
NONMANUFACTURING	19.8	19.4	19.1	.4	.7
Construction	1.5	1.6	1.3	-.1	.2
Transportation & Public Utilities	1.3	1.3	1.1	0	.2
Trade	6.9	6.8	6.6	.1	.3
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.2	5.1	4.9	.1	.3
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.9	3.8	-.1	0
Government	5.3	4.8	5.3	.5	0
State and Local Government	5.0	4.5	5.0	.5	0

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	71.6	70.1	72.4	1.5	-.8
MANUFACTURING	29.4	28.8	29.0	.6	.4
Durable Goods	18.8	18.5	18.4	.3	.4
Lumber and Wood Products and Furniture and Fixtures	4.2	4.1	3.9	.1	.3
Other Durable Goods 1/	14.6	14.4	14.5	.2	.1
Nondurable Goods	10.6	10.3	10.6	.3	0
Food and Kindred Products	1.8	1.8	1.7	0	.1
Textile Mill Products	1.8	1.8	1.7	0	.1
Apparel & Other Textile Products	2.4	2.2	2.6	.2	-.2
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.5	3.4	3.6	.1	-.1
NONMANUFACTURING	42.2	41.3	43.4	.9	-1.2
Construction	3.3	3.4	3.9	-.1	-.6
Transportation and Public Utilities	2.7	2.7	2.8	0	-.1
Wholesale and Retail Trade	11.3	11.2	11.7	.1	-.4
Wholesale Trade	2.2	2.2	2.2	0	0
Retail Trade	9.1	9.0	9.5	.1	-.4
Finance, Insurance and Real Estate	3.6	3.7	3.7	-.1	-.1
Services and Mining	10.8	10.5	11.0	.3	-.2
Government	10.5	9.8	10.3	.7	.2

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	157.7	158.4	154.9	- .7	2.8
MANUFACTURING	35.0	35.1	35.3	- .1	- .3
Durable Goods	28.1	28.3	28.8	- .2	- .7
Stone, Clay & Glass Products	.5	.5	.6	0	- .1
Transportation Equipment	24.2	24.4	24.6	- .2	- .4
Other Durable Goods 1/	3.4	3.4	3.6	0	- .2
Nondurable Goods	6.9	6.8	6.5	.1	.4
Food & Kindred Products	3.0	3.0	3.0	0	0
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.6	0	0
Printing and Publishing	1.2	1.2	1.1	0	.1
Other Nondurable Goods 2/	2.1	2.0	1.8	.1	.3
NONMANUFACTURING	122.7	123.3	119.6	- .6	3.1
Construction	7.3	7.4	7.3	- .1	0
Transportation and Public Utilities	5.4	5.3	5.1	.1	.3
Wholesale and Retail Trade	29.9	30.1	29.3	- .2	.6
Wholesale Trade	3.6	3.5	3.3	.1	.3
Retail Trade	26.3	26.6	26.0	- .3	.3
Finance, Insurance and Real Estate	5.2	5.3	5.2	- .1	0
Services and Mining	32.1	33.6	29.4	- 1.5	2.7
Government	42.8	41.6	43.3	1.2	- .5
Federal Government	17.1	17.5	17.0	- .4	.1
State and Local Government	25.7	24.1	26.3	1.6	- .6

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	293.1	293.3	284.9	- .2	8.2
MANUFACTURING	29.7	29.4	29.7	.3	0
Durable Goods	17.7	17.6	17.5	.1	.2
Lumber & Wood Products	1.6	1.6	1.6	0	0
Stone, Clay and Glass Products	1.9	1.9	1.7	0	.2
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.8	7.8	7.6	0	.2
Other Durable Goods 1/	4.1	4.0	4.4	.1	- .3
Nondurable Goods	12.0	11.8	12.2	.2	- .2
Food and Kindred Products	6.1	6.0	6.0	.1	.1
Apparel & Other Textile Products	.9	.9	.9	0	0
Printing and Publishing	2.4	2.3	2.5	.1	- .1
Chemicals and Allied Products	1.2	1.2	1.3	0	- .1
Agricultural Chemicals	.5	.5	.6	0	- .1
Other Nondurable Goods 2/	1.4	1.4	1.5	0	- .1
NONMANUFACTURING	263.4	263.9	255.2	- .5	8.2
Construction	16.9	17.0	16.1	- .1	.8
Transportation & Public Utilities	19.4	19.7	19.0	- .3	.4
Railroads	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	73.4	73.6	68.8	- .2	4.6
Wholesale Trade	14.1	14.2	14.4	- .1	- .3
Retail Trade	59.3	59.4	54.4	- .1	4.9
Finance, Insurance & Real Estate	14.7	15.0	14.6	- .3	.1
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.0	3.0	3.0	0	0
Services and Mining	59.5	59.8	55.9	- .3	3.6
Personal Services	4.3	4.3	4.0	0	.3
Government	79.5	78.8	80.8	.7	- 1.3
Federal Government	36.5	37.3	36.1	- .8	.4
State & Local Government	43.0	41.5	44.7	1.5	- 1.7

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	446.3	443.8	432.3	2.5	14.0
MANUFACTURING	18.1	18.2	17.1	- .1	1.0
Durable Goods	10.7	10.8	10.1	- .1	.6
Stone, Clay and Glass Products	.9	.9	1.1	0	- .2
Fabricated Metal Products	1.1	1.1	1.1	0	0
Machinery, except Electrical	.7	.7	.6	0	.1
Electric and Electronic Equipment	5.8	5.8	5.3	0	.5
Other Durable Goods 1/	2.2	2.3	2.0	- .1	.2
Nondurable Goods	7.4	7.4	7.0	0	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.5	0	.3
Other Nondurable Goods 2/	1.5	1.5	1.4	0	.1
NONMANUFACTURING	428.2	425.6	415.2	2.6	13.0
Mining	.4	.4	.4	0	0
Construction	28.9	29.5	27.9	- .6	1.0
Transportation & Public Utilities	28.9	29.5	29.1	- .6	- .2
Transportation By Air	7.9	7.9	8.4	0	- .5
Electric, Gas & Sanitary Service	3.7	3.7	3.5	0	.2
Wholesale and Retail Trade	102.3	102.0	98.5	.3	3.8
Wholesale Trade	18.0	18.1	18.3	- .1	- .3
Retail Trade	84.3	83.9	80.2	.4	4.1
General Merchandise Stores	12.9	12.6	12.0	.3	.9
Food Stores	9.4	9.3	9.2	.1	.2
Auto. Dealers & Service Stations	12.2	12.3	12.2	- .1	1.6
Apparel & Accessory Stores	5.4	5.3	5.3	.1	.1
Eating & Drinking Places	25.0	25.1	23.4	- .1	1.6
Finance, Insurance & Real Estate	28.3	28.7	27.3	- .4	1.0
Banking	6.3	6.4	5.9	- .1	.4
Services	116.5	116.3	113.2	.2	3.3
Business Services	40.7	40.6	39.8	.1	.9
Government	122.9	119.2	118.8	3.7	4.1
Federal Government	69.9	69.9	66.9	0	3.0
State and Local Government	53.0	49.3	51.9	3.7	1.1

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	46.0	44.6	47.6	1.4	- 1.6
MANUFACTURING	11.1	10.8	11.6	.3	- .5
Durable Goods	2.3	2.3	2.7	0	- .4
Lumber and Wood Products and Furniture & Fixtures	.6	.5	.6	.1	0
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.1	0	.1
Other Durable Goods 1/	1.3	1.4	1.8	- .1	- .5
Nondurable Goods	8.8	8.5	8.9	.3	- .1
Food and Kindred Products	.3	.3	.3	0	0
Textile Mill Products and Apparel & Other Textile Products	1.1	.9	1.2	.2	- .1
Chemicals and Allied Products	3.5	3.5	3.4	0	.1
Other Nondurable Goods 2/	3.9	3.8	4.0	.1	- .1
NONMANUFACTURING	34.9	33.8	36.0	1.1	- 1.1
Construction	2.3	2.4	3.1	- .1	- .8
Transportation and Public Utilities	1.4	1.4	1.6	0	- .2
Wholesale and Retail Trade	8.4	8.3	8.0	.1	.4
Wholesale Trade	1.3	1.2	1.2	.1	.1
Retail Trade	7.1	7.1	6.8	0	.3
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.5	6.5	6.4	0	.1
Government	15.0	13.9	15.6	1.1	- .6
Federal Government	5.0	5.0	5.3	0	- .3
State and Local Government	10.0	8.9	10.3	1.1	- .3

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	330.9	326.3	326.6	4.6	4.3
MANUFACTURING	56.9	56.8	55.8	.1	1.1
Durable Goods	17.9	17.9	17.8	0	.1
Lumber & Wood Products	1.4	1.4	1.4	0	0
Furniture & Fixtures	2.2	2.2	2.3	0	- .1
Stone, Clay & Glass Products	1.4	1.3	1.3	.1	.1
Fabricated Metal Products	2.6	2.7	2.5	- .1	.1
Fabricated Structural Metal Products	1.9	1.9	1.8	0	.1
Machinery, except Electrical	2.2	2.2	2.1	0	.1
Other Durable Goods 1/	8.1	8.1	8.2	0	- .1
Nondurable Goods	39.0	38.9	38.0	.1	1.0
Food & Kindred Products	4.3	4.1	4.2	.2	.1
Bakery Products	1.8	1.7	1.8	.1	0
Tobacco Manufactures	13.2	13.2	12.6	0	.6
Cigarettes	12.0	12.0	11.6	0	.4
Tobacco Stemming & Redrying	.9	.9	.4	0	.5
Apparel & Other Textile Products	2.2	2.2	2.2	0	0
Paper & Allied Products	4.2	4.2	4.1	0	.1
Printing and Publishing	5.3	5.3	5.2	0	.1
Commercial Printing	3.0	2.9	2.9	.1	.1
Chemicals & Allied Products	7.7	7.8	7.7	- .1	0
Other Nondurable Goods 2/	2.1	2.1	2.0	0	.1
NONMANUFACTURING	274.0	269.5	270.8	4.5	3.2
Mining	.3	.3	.4	0	- .1
Construction	16.3	16.5	17.1	- .2	- .8
Transportation & Pulic Utilities	20.3	20.3	19.8	0	.5
Wholesale & Retail Trade	74.9	74.7	72.7	.2	2.2
Wholesale Trade	22.1	22.2	22.0	- .1	.1
Retail Trade	52.8	52.5	50.7	.3	2.1
General Merchandise Stores	10.3	10.2	10.0	.1	.3
Food Stores	7.5	7.4	7.3	.1	.2
Auto Dealers & Service Stations	5.7	5.7	5.6	0	.1
Finance, Insurance & Real Estate	26.7	26.9	26.8	- .2	- .1
Insurance Carriers and Agents	10.4	10.4	10.5	0	- .1
Services	61.6	62.2	59.6	- .6	2.0
Government	73.9	68.6	74.4	5.3	- .5
Federal Government	7.9	8.0	7.9	- .1	0
State & Local Government	66.0	60.6	66.5	5.4	- .5

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	103.6	103.4	105.4	.2	- 1.8
MANUFACTURING	20.8	21.0	20.9	- .2	- .1
Durable Goods	12.0	12.2	12.2	- .2	- .2
Furniture & Fixtures	1.4	1.5	1.4	- .1	0
Primary Metals & Fabricated Metal Products	2.4	2.5	2.5	- .1	- .1
Fabricated Structural Metal Products	1.1	1.2	1.3	- .1	- .2
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.5	6.5	6.6	0	- .1
Nondurable Goods	8.8	8.8	8.7	0	.1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.6	1.8	0	- .2
Apparel & Other Textile Products	1.7	1.7	1.5	0	.2
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.7	2.7	2.6	0	.1
NONMANUFACTURING	82.8	82.4	84.5	.4	- 1.7
Mining	.1	.1	.1	0	0
Construction	5.0	5.2	6.7	- .2	- 1.7
Transportation & Public Utilities	9.7	9.6	9.8	.1	- .1
Wholesale & Retail Trade	26.0	25.9	25.7	.1	.3
Wholesale Trade	7.4	7.4	7.2	0	.2
Retail Trade	18.6	18.5	18.5	.1	.1
Finance, Insurance & Real Estate	6.3	6.3	6.2	0	.1
Services	20.2	20.2	19.6	0	.6
Government	15.5	15.1	16.4	.4	- .9
Federal Government	3.1	3.1	3.1	0	0
State & Local Government	12.4	12.0	13.3	.4	- .9

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	$275.01	$273.24	$250.58	39.4	39.6	39.4	$6.98	$6.90	$6.36
Durable Goods	279.20	276.98	256.64	40.0	40.2	40.1	6.98	6.89	6.40
Lumber and Wood Products	194.77	196.10	179.45	37.6	38.3	37.7	5.18	5.12	4.76
Furniture and Fixtures	174.56	177.47	167.52	37.3	37.6	37.9	4.68	4.72	4.42
Household and Office Furniture	173.63	176.90	166.19	37.1	37.4	37.6	4.68	4.73	4.42
Stone, Clay and Glass Products	259.45	256.19	232.76	40.1	40.6	40.2	6.47	6.31	5.79
Structural Clay Products	241.19	249.99	204.93	39.8	42.3	40.5	6.06	5.91	5.06
Glass and Glass Products	275.40	282.77	237.40	36.0	41.1	39.5	7.65	6.88	6.01
Primary Metal Industries	333.97	353.74	319.51	36.7	40.8	39.3	9.10	8.67	8.13
Fabricated Metal Products	333.32	332.00	305.62	41.1	41.5	41.3	8.11	8.00	7.40
Fabricated Structural Metal Products	306.34	321.53	305.16	40.9	42.7	42.8	7.49	7.53	7.13
Machinery, except Electrical	306.88	295.60	278.12	40.7	40.0	40.9	7.54	7.39	6.80
Construction and Related Machinery	298.26	289.77	275.20	39.4	39.0	39.8	7.57	7.43	6.91
Special Industry Machinery	338.00	333.04	298.26	40.0	39.6	39.4	8.45	8.41	7.57
Refrigeration and Service Machinery	299.98	281.78	281.62	43.1	39.8	42.8	6.96	7.08	6.58
Electric and Electronic Equipment	289.52	283.22	261.49	40.1	39.5	39.8	7.22	7.17	6.57
Communication Equipment	314.82	299.82	283.39	39.7	38.0	40.6	7.93	7.89	6.98
Instruments and Related Products	1) 196.86	1) 192.38	217.22	38.6	38.4	40.3	1) 5.10	1) 5.01	5.39
Miscellaneous Manufacturing Industries	212.36	226.59	202.46	36.3	38.8	38.2	5.85	5.84	5.30
Nondurable Goods	271.83	269.79	245.22	39.0	39.1	38.8	6.97	6.90	6.32
Food and Kindred Products	245.36	243.46	223.65	38.1	38.1	38.1	6.44	6.39	5.87
Tobacco Manufactures	383.55	391.04	367.09	37.9	39.3	39.6	10.12	9.95	9.27
Cigarettes	421.00	422.14	401.45	38.1	39.9	38.9	11.05	10.58	10.32
Textile Mill Products	217.06	227.05	209.27	38.9	40.4	40.4	5.58	5.62	5.18
Weaving Mills, Cotton, Synthetics and Wool	248.81	256.52	229.63	42.1	42.4	41.3	5.91	6.05	5.56
Knitting Mills	187.22	192.15	178.51	37.0	38.2	37.9	5.06	5.03	4.71
Yarn and Thread Mills	174.46	203.04	179.99	37.6	42.3	41.0	4.64	4.80	4.39
Miscellaneous Textile Goods	207.32	236.81	214.24	36.5	41.4	41.2	5.68	5.72	5.20
Apparel and Other Textile Products	156.18	159.14	145.49	34.4	34.9	34.5	4.54	4.56	4.22
Men's and Boys' Suits, Coats and Furnishings	161.50	168.48	156.22	33.3	35.1	36.5	4.85	4.80	4.28
Women's and Children's Outerwear & Undergarments	150.51	148.68	133.56	34.6	34.1	31.8	4.35	4.36	4.20
Paper and Allied Products	378.88	348.99	338.48	43.4	41.3	42.9	8.73	8.45	7.89
Pulp, Paper and Paperboard	460.59	398.05	400.77	45.2	40.7	43.8	10.19	9.78	9.15
Misc. Converted Paper and Paperboard Products, Containers and Boxes	293.94	296.65	271.17	41.4	41.9	41.4	7.10	7.08	6.55
Printing and Publishing	328.64	324.17	279.34	38.8	38.5	37.8	8.47	8.42	7.39
Newspapers and Periodicals	268.10	255.34	259.92	35.0	34.0	36.0	7.66	7.51	7.22
Chemical and Allied Products	393.38	367.92	325.58	44.5	42.0	40.8	8.84	8.76	7.98
Plastic Materials and Synthetics	404.54	379.48	335.79	44.8	42.4	41.0	9.03	8.95	8.19
Agricultural Chemicals	256.14	246.53	218.12	40.4	38.4	38.2	6.34	6.42	5.71
Leather and Leather Products	151.69	144.47	142.40	38.5	36.3	38.8	3.94	3.98	3.67

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	$218.13	$211.69	$207.12	35.7	35.4	36.4	$6.11	$5.98	$5.69
Durable Goods	266.82	267.74	268.55	37.9	39.2	41.0	7.04	6.83	6.55
Fabricated Metal Products	1) 297.64	1) 326.01	342.63	33.9	40.1	40.5	1) 8.78	1) 8.13	8.46
Machinery and Transportation Equipment	269.37	253.10	259.72	41.0	38.7	42.3	6.57	6.54	6.14
Nondurable Goods	167.00	156.92	146.83	33.4	31.7	32.2	5.00	4.95	4.56
Food and Kindred Products	208.73	201.29	184.62	36.3	35.5	34.0	5.75	5.67	5.43
Apparel and Other Textile Products	129.06	122.04	111.00	29.2	27.8	28.1	4.42	4.39	3.95

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,000 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	$267.58	$274.68	$243.72	39.7	40.1	39.5	$6.74	$6.85	$6.17
Durable Goods	279.88	290.79	259.91	39.7	40.5	39.5	7.05	7.18	6.58
Lumber and Wood Products and Furniture and Fixtures	177.26	181.55	165.39	36.7	36.9	37.0	4.83	4.92	4.47
Nondurable Goods	249.55	251.46	219.46	39.8	39.6	39.4	6.27	6.35	5.57
Food and Kindred Products	1) 279.35	1) 250.88	248.78	1) 39.4	1) 39.2	42.6	1) 7.09	1) 6.40	5.84
Textile Mill Products	259.62	249.27	224.56	42.7	40.4	40.1	6.08	6.17	5.60
Apparel and Other Textile Products	135.07	144.63	124.64	33.6	34.6	32.8	4.02	4.18	3.80
Paper and Allied Products	371.64	374.57	344.31	48.9	48.9	48.7	7.60	7.66	7.07

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	$301.04	$291.72	$282.35	42.4	40.8	41.4	$7.10	$7.15	$6.82
Durable Goods	344.38	318.00	303.84	44.9	42.4	42.2	7.67	7.50	7.20
Lumber and Wood Products	227.66	235.48	219.76	40.8	41.9	41.7	5.58	5.62	5.27
Stone, Clay, and Glass Products	340.32	279.71	237.54	48.0	41.5	38.5	7.09	6.74	6.17
Fabricated Metal Products	220.60	215.84	234.54	38.5	38.0	42.8	5.73	5.68	5.48
Machinery, except Electrical	260.18	250.22	244.92	40.4	40.1	42.3	6.44	6.24	5.79
Transportation Equipment	436.37	392.26	378.35	49.7	45.4	44.2	8.78	8.64	8.56
Nondurable Goods	220.75	242.30	243.39	37.8	37.8	39.9	5.84	6.41	6.10
Food and Kindred Products	227.40	232.41	227.77	37.9	38.1	40.6	6.00	6.10	5.61
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	248.83	249.81	211.90	38.4	36.1	35.2	6.48	6.92	6.02

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,800 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	$311.92	$300.05	$285.91	40.3	39.9	40.1	$7.74	$7.52	$7.13
Durable Goods	284.21	284.61	274.39	40.2	40.6	41.7	7.07	7.01	6.58
Stone, Clay, and Glass Products	204.78	229.82	215.84	35.8	37.8	37.8	5.72	6.08	5.71
Fabricated Metal Products	324.32	329.18	311.08	42.9	43.2	44.0	7.56	7.62	7.07
Electric and Electronic Equipment	1) 311.88	1) 302.99	311.56	42.9	43.1	44.7	1) 7.27	1) 7.03	6.97
Nondurable Goods	351.88	322.87	294.46	40.4	38.9	37.8	8.71	8.30	7.79
Food and Kindred Products	349.55	334.56	301.25	44.7	41.0	40.6	7.82	8.16	7.42

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	$352.60	$345.77	$298.35	41.0	40.3	39.0	$ 8.60	$ 8.58	$ 7.65
Durable Goods	1) 198.07	1) 195.82	182.40	1) 39.3	1) 38.7	38.4	1) 5.04	1) 5.06	4.75
Lumber and Wood Products and Furniture and Fixtures	1) 203.19	1) 234.36	132.61	1) 39.0	1) 40.9	31.8	1) 5.21	1) 5.73	4.17
Nondurable Goods	392.89	388.42	335.55	41.4	40.8	39.2	9.49	9.52	8.56
Food & Kindred Products	239.08	223.02	215.25	38.5	37.8	38.3	6.21	5.90	5.62
Chemicals & Allied Products	478.58	446.02	382.12	46.6	42.6	41.4	10.27	10.47	9.23

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,700 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	$345.15	$343.17	$329.26	39.0	39.4	40.8	$ 8.85	$ 8.71	$ 8.07
Durable Goods	312.14	313.24	300.35	38.3	39.5	41.2	8.15	7.93	7.29
Lumber and Wood Products	193.43	194.97	180.95	39.8	40.2	38.5	4.86	4.85	4.70
Furniture and Fixtures	154.63	190.24	188.07	32.9	39.8	41.7	4.70	4.78	4.51
Primary Metal Industries	492.85	480.77	503.30	40.2	39.7	43.5	12.26	12.11	11.57
Fabricated Metal Products	339.82	352.09	352.46	36.5	37.9	40.7	9.31	9.29	8.66
Fabricated Structural Metal Products	357.67	379.12	399.02	35.1	37.5	40.8	10.19	10.11	9.78
Nondurable Goods	359.33	354.48	334.84	39.4	39.3	40.1	9.12	9.02	8.35
Food and Kindred Products	267.85	245.24	233.58	40.4	38.5	38.8	6.63	6.37	6.02
Tobacco Manufactures	411.72	413.60	409.64	37.6	37.6	40.2	10.95	11.00	10.19
Cigarettes	420.36	422.24	414.86	37.7	37.7	39.7	11.15	11.20	10.45
Apparel and Other Textile Products	184.54	188.47	167.48	39.6	40.1	38.5	4.66	4.70	4.35
Paper and Allied Products	331.14	333.84	311.10	42.4	42.8	42.5	7.81	7.80	7.32
Printing and Publishing	357.10	351.59	304.52	38.9	38.3	37.0	9.18	9.18	8.23
Chemicals and Allied Products	376.66	384.16	359.04	39.4	40.1	40.8	9.56	9.58	8.80

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 38,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	$257.54	$250.38	$238.00	39.5	39.0	39.8	$6.52	$6.42	$5.98
Durable Goods	270.54	254.87	246.04	40.5	39.7	40.6	6.68	6.42	6.06
Fabricated Metal Products	241.96	251.26	225.74	39.6	41.6	40.6	6.11	6.04	5.56
Fabricated Structural Metal Products	245.07	264.17	230.85	38.9	42.2	40.5	6.30	6.26	5.70
Nondurable Goods	239.65	245.24	226.20	38.1	38.2	38.6	6.29	6.42	5.86
Food and Kindred Products	280.97	268.65	253.80	45.1	44.7	45.0	6.23	6.01	5.64
Textile Mill Products	185.22	209.27	171.22	37.8	40.4	36.9	4.90	5.18	4.64

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
Virginia	$275.01	$273.24	$250.58	$215.12	$213.93	$199.64	$235.25	$233.92	$218.15
Bristol Area	218.13	211.69	207.12	175.57	170.91	168.68	192.30	187.32	184.86
Lynchburg SMSA	267.58	274.68	243.72	210.12	214.90	194.85	229.65	235.00	212.94
Norfolk-Virginia Beach-Portsmouth SMSA	301.04	291.72	282.35	232.65	226.37	221.53	254.86	247.84	242.25
Northern Virginia Area	311.92	300.05	285.91	239.81	231.98	223.95	262.88	254.12	244.95
Petersburg-Colonial Heights-Hopewell SMSA	352.60	345.77	298.35	265.58	261.25	232.39	292.32	287.37	254.39
Richmond SMSA	345.15	343.17	329.26	260.86	259.61	252.51	286.93	285.49	277.14
Roanoke SMSA	257.54	250.38	238.00	203.16	198.20	190.85	222.09	216.69	208.60

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	September 1981 2/	August 1981	September 1980	August 1980
NONAGRICULTURAL	2,146.6	2,128.3	2,119.2	2,105.2
MANUFACTURING	407.4	405.2	406.1	402.7
Durable Goods	187.2	186.4	186.2	183.8
Lumber & Wood Products	23.8	23.4	23.1	22.4
Furniture and Fixtures	26.3	26.4	25.8	25.7
Stone, Clay and Glass Products	12.2	12.1	12.5	12.1
Primary Metal Industries	11.4	11.4	11.7	11.2
Fabricated Metal Products	20.5	20.6	20.4	20.2
Machinery, except Electrical	14.2	14.3	15.2	15.2
Electric and Electronic Equipment	34.4	34.2	33.1	33.0
Transportation Equipment	36.5	36.3	36.6	36.2
Instruments and Related Products	4.1	4.1	4.0	4.0
Nondurable Goods	220.2	219.1	220.0	219.1
Food and Kindred Products	39.9	39.4	40.5	40.6
Tobacco Manufactures	16.8	16.9	16.6	16.2
Textile Mill Products	44.9	44.6	44.3	44.5
Apparel and Other Textile Products	33.5	33.2	33.9	33.3
Paper and Allied Products	14.4	14.4	14.4	14.3
Printing and Publishing	22.2	21.9	22.1	22.0
Chemicals and Allied Products	32.9	32.8	32.8	32.5
Leather and Leather Products	3.4	3.4	3.6	3.6
MINING	23.8	23.6	23.1	23.0
Bituminous Coal and Lignite Mining	21.1	20.9	19.9	19.9
CONTRACT CONSTRUCTION	110.6	110.0	121.0	119.9
TRANSPORTATION & PUBLIC UTILITIES	118.3	118.0	114.5	114.8
Railroad Transportation	15.4	15.6	14.4	15.0
Trucking and Warehousing	28.9	28.6	28.8	28.8
Transportation by Air	10.9	11.0	10.8	10.9
Communication	30.1	30.1	29.4	29.1
Electric, Gas and Sanitary Services	17.6	17.6	16.8	16.5
WHOLESALE AND RETAIL TRADE	462.3	461.8	449.4	449.0
Wholesale Trade	105.1	105.4	105.2	105.1
Retail Trade	357.5	356.4	344.6	343.8
General Merchandise Stores	57.7	58.2	55.7	56.4
Food Stores	56.3	56.1	54.9	54.5
FINANCE, INSURANCE & REAL ESTATE	107.7	106.7	104.6	104.0
Banking	31.4	31.3	30.8	30.9
Insurance Carriers	20.3	20.1	20.0	19.6
SERVICES	401.3	400.5	387.2	385.2
Personal Services	25.2	25.3	25.0	25.1
Business Services	78.4	77.3	76.2	74.6
GOVERNMENT	516.0	503.9	513.6	506.9
Federal Government	157.2	157.4	154.2	155.4
State and Local Government	357.2	346.2	357.8	351.3
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.1	39.7	39.6	39.8
Durable Goods	39.5	40.4	39.6	39.8
Lumber and Wood Products	37.3	38.0	38.0	38.2
Furniture and Fixtures	36.4	37.3	37.0	36.0
Household & Office Furniture	36.2	37.0	36.7	35.6
Stone, Clay & Glass Products	39.4	40.3	39.5	40.0
Primary Metal Industries	36.0	40.9	38.6	38.5
Fabricated Metal Products	40.6	41.0	40.8	40.8
Fabricated Structural Metal Products	40.0	42.2	41.9	41.6
Machinery, except Electrical	40.9	40.6	41.1	40.8
Electric and Electronic Equipment	39.3	40.0	39.0	38.5
Instruments & Related Products	38.5	38.6	40.2	39.8
Miscellaneous Manufacturing Industries	36.0	38.2	37.8	36.7
Nondurable Goods	38.8	39.0	38.6	38.9
Food & Kindred Products	37.8	38.0	37.8	38.3
Tobacco Manufactures	38.1	39.5	40.0	38.2
Cigarettes	38.2	39.9	39.0	38.7
Textile Mill Products	38.6	40.3	40.1	40.3
Weaving Mills, Cotton, Synthetics and Wool	42.0	42.4	41.2	42.6
Knitting Mills	36.3	37.8	38.2	38.5
Apparel & Other Textile Products	34.3	35.0	34.4	36.0
Men's and Boys' Suits, Coats and Furnishings	33.3	34.6	36.5	36.6
Women's and Children's Outerwear & Undergarments	34.6	34.4	31.8	34.7
Paper & Allied Products	43.0	41.5	42.5	42.0
Pulp, Paper and Paperboard	45.1	41.2	43.7	43.8
Printing and Publishing	38.2	38.7	37.2	38.4
Newspapers and Periodicals	35.1	33.9	36.1	35.9
Chemicals & Allied Products	45.2	42.1	40.3	39.7
Plastics Materials & Synthetics	45.4	42.1	39.7	38.6
Agricultural Chemicals	42.2	40.6	39.9	42.8
Leather & Leather Products	36.9	35.6	37.2	35.7

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978Benchmark levels.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1980
JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.9	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.8	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	513.8
March	2,154.7	413.3	25.3	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	513.3
May	2,122.7	412.0	13.1	113.0	114.4	455.7	107.5	396.4	512.3
June	2,130.2	409.6	21.8	111.6	115.6	458.9	106.6	396.8	509.4
July	2,126.8	406.6	22.0	105.8	118.0	459.8	106.8	399.3	503.6
August	2,128.3	405.2	23.6	110.0	118.0	461.8	106.7	400.5	503.9
September	2,146.6	407.4	23.8	110.6	118.3	462.3	107.7	401.3	516.0
October									
November									
December									

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

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